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ABSTRACT

The second part of a report on a comprehensive review of the credit instructional programs offered by Pasadena City College (PCC), this volume contains a technical description of the data collection and assembly procedures used in the program review and provides guidelines for the implementation of the program review model. The first section offers a detailed description of the procedures used by Carvell Education Management Planning, Inc., to obtain, assemble, and organize data and includes a discussion of the purpose of the program review, the operational principles of the model, and formulas for determining the values of variables in the program review (i.e., instructional productivity factors such as weekly student contact hours, class size, and full-time equivalent faculty; and student performance patterns based on student grades, retention rate, and assigned instructional expenditures). A set of guidelines for PCC to follow in setting up and implementing an ongoing program review model is offered in the second section. Finally, individual summary sheets for 115 programs and a composite sheet for PCC as a whole are presented. (Author/LAL)

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TECHNICAL REPORT:
OUTCOMES OF AN INDEPENDENT REVIEW AND GUIDELINES FOR THE IMPLEMENTATION OF A PROGRAM REVIEW MODEL

VOLUME II

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VC 830 501

TECHNICAL REPORT: OUTCOMES OF AN INDEPENDENT PROGRAM REVIEW AND GUIDELINES FOR IMPLEMENTATION OF A PROGRAM REVIEW MODEL

VOLUME II

Prepared for: The Board of Trustees and
The Office of Instruction
Pasadena Area Community College
District

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May 1982

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PREFACE

This report is one of two volumes prepared by CARVELL Education Management Plannning, Inc. of Los Altos, CA for the Pasadena Area Community College District. The study undertaken by the consultants was to design and execute a comprehensive review of credit programs offered at Pasadena City College (PCC). The complexity of such an endeavor necessitates that several levels of information be organized and presented. Even though instruction is the central purpose of a community college, the outcomes of a program review have potential implications for all other administrative and support functions in the college. Many aspects of the institution affect the quality and level of educational services that are provided. However, by design, this program review was limited to credit instructional programs. Therefore, many issues that can impact the number and type of instructional programs that are offered could not be addressed within the limited scope of the study. This does not mean that they are not important or should be avoided as part of the continuous institutional and program planning that will be undertaken by PCC.

The results of the program review are presented in two volumes.

Volume I: Summary Report: A Comprehensive Review of Credit Instructional Programs Offered by Pasadena City College, 1981-82

Volume II: Technical Report: Outcomes of An Independent Program Review and Guidelines for Implementation of A Program Review Model

Volume I contains a description of procedures used and general issues that the consultants believe are major considerations for the continued improvement of instructional programs at PCC. This volume is intended for general readership within the college and other persons interested in program improvement.

Volume II contains a technical description of collection and assembly procedures for the six data elements used in the program review model and the outcome of the application of the program review model on 115 individual credit instructional programs called TOPs (Taxonomy of Programs) offered at PCC. This volume is intended for the PCC Office of Instruction, program managers, department chairpersons, and instructional planners within the college, including faculty.

Acknowledgements

The consultants were charged with making independent observations about PCC instructional programs, but such a task would not have been possible without the candid and trusted treatment afforded them by the college staff throughout the study. Especially helpful were administrators and staff in the Office of Instruction, Student Personnel Services, Business Services, and Department Chairs. The staff of the computer center and other administrative services provided information for which we are grateful.

Special appreciation is extended to the Task Force members who worked with us during the study. Their personal and professional commitment to the project were invaluable to the outcome of the study. They are a credit to PCC and an important professional asset to the college which should be tapped during future program review efforts.

Fred Carvell and Joan Barnes Carvell conducted the study jointly. They were assisted by Donald B. Medley, Chairperson of the School of Business Administration, Computer Information Systems, California Polytechnic University, Pomona.

TECHNICAL REPORT: OUTCOMES OF AN INDEPENDENT PROGRAM REVIEW
AND GUIDELINES FOR IMPLEMENTATION OF A PROGRAM REVIEW MODEL

Introduction

This is the second volume of a report prepared by CARVELL Education Management Planning, Inc., Los Altos, CA for the Pasadena Area Community College District. The two volume report contains the methods, findings, and independent observations of the consultants related to a comprehensive review of credit instructional programs offered by Pasadena City College (PCC). Volume I contains a general description of the program review outcomes. This volume contains a technical description of procedures used and suggested guidelines for implementation of the program review model employed by the consultants in this study as well as the data summary sheets for the programs that were reviewed in this study.

This volume is divided into three sections:

1. A detailed description of the procedures and steps taken by the consultants to obtain, assemble and organize data for this study

2. A set of guidelines for PCC to follow in setting up and implementing an ongoing program review model similar to the one used in this study

3. Individual summary sheets for 115 taxonomy of programs (TOPs), plus a composite sheet for the college as a whole, that were included in this program review.

PROCEDURES USED IN THIS PROGRAM REVIEW

This section describes the underlying concepts and principles of the program review model and the major steps taken by the consultants to conduct the PCC program review.

Purpose of Program Review

The initial step in the study was to establish with the Vice President for Instruction the purposes of the program review model used by the consultants. The dual purposes of the program review model used by the consultants were as follows:

1. Program Improvement. Information compiled for each identified instructional program (TOP) should help identify those that need improvement because of low performance in one or more of six selected program review factors.

2. Program Efficiency. Information compiled for each TOP can be used to compare individual programs with college averages or established standards of performance in six selected program review factors.

Operational Principles of the Program Review Model

The program review model operates on two principles that allow program managers to assess the performance of defined instructional programs.

1. TOP performance on the six review factors is internally compared between a current period and its own previous performance during a defined historical time period (historical base period).

2. TOP performance on the six review factors is compared with college (PCC) performance averages for the current and historical base period which allows one to determine how well a given program matches the college's average performance.

These principles are based on the concept that consistent and objective data collected over a period of time provide a means of comparing current outcomes in a given TOP with its own pattern of performance. Any changes that occur between the current period and the base period indicate the need to investigate the causes. Changes upward or downward are not in themselves good or bad, but they do flag the need for more careful scrutiny.

Another basic concept that underscores the application of the review model is that any college with limited resources must examine each program in terms of its relative contribution to the educational goals and functions of the college compared with the proportion of institutional resources it utilizes. The program review model used at PCC helps to establish a consistent framework for gauging, on the same factors, whether a TOP meets institutional levels of performance leading to the indentification of the mitigating factors which restrict it from reaching desired levels of achievement.

Formulae For Program Review Factors

As noted in Volume I, the program review model used at PCC utilized six factors that can be taken from institutional records or can be computed for each program. The formula for each of the six review factors is displayed on Figure 1. The terms used in the model are shown at the bottom of the figure. Additional definitions that are helpful in understanding the model appear below.

Definition of Terms Used in the Program Review Model

Most terms used in the model are self-explanatory or are commonly used in reports that are submitted to the Chancellor's Office, California Community Colleges. The following terms are used in the application of the model presented in Figure 1.

TOP

Taxonomy of Program (TOP) is used as a means of grouping related courses in the same or related disciplines. At PCC, 115 TOPs were offered at least once during the historical base period and 110 had active enrollments during the current period. Each TOP is comprised of one to 93 courses which are noted in the working papers that have been delivered to the Ofice for Instruction at the end of the study. Data for individual courses in a TOP were compiled so that aggregate data for a TOP could be assembled.

Current Period

In this study the current period was Fall 1981 which was the last completed semester at the time the program review was initiated by the consultants. As the model is implemented, the most recent academic term (semester or year) for which data are complete will become the current period for which comparisons are made.

Figure 1

PASADENA CITY COLLEGE PROGRAM REVIEW MODEL, USED INITIALLY FOR FALL, 1981

Program Review Factors	Fomula Used to Assemble Data per TOP	Raw Score [A/]	X	Assigned Weight [B/]	=	Weighted Value [C/]
Instructional Productivity						
1. WSCH [1/] per TOP [2/]	Current Period [3/] total WSCH per TOP / Average WSCH per TOP for Historical Base Period Used [4/]	____	X	15	=	____
2. Class Size	Current average class size enrollment (per section) / Average class size per TOP for Historical Base Period	____	X	16	=	____
3. WSCH/FTEF [5/]	Current total WSCH/FTEF per TOP / Average WSCH/FTEF per TOP for Historical Base	____	X	21	=	____
Student Performance Pattern						
4. Student Grade Pattern [6/]	Current percent passing grades per end count students / Average percent passing grades per end count for Base	____	X	13	=	____
5. Retention Rate [7/] (% Completions)	Current percent completions to 1st census count / Average percent completions to 1st census for Base	____	X	18	=	____
6. Assigned Instructional [8/] Expenditures	Total current assigned expenditures per TOP/total ACH* / Total assigned expenditure per TOP for Base/total ACH	____	X	17	=	____
	*Annual Contact Hours			COMPOSITE WEIGHTED SCORE [9/]	=	____

1/ Weekly Student Contact Hour. 2/ Taxonomy Of Programs. 3/ Fall 1981. 4/ 4 semesters Spring 1980-Fall 1981.

5/ WSCH per Full-Time Equivalent Faculty. 6/ Grades above "F" issued to students completing courses in TOP.

7/ % end count students to 1st census enrollment in all courses in TOP. 8/ Annual instructional expenditures assigned to TOP by PCC divided by annual student contact hours per TOP. Assigned expenditures exclude capital outlay, but include such items as salaries, supplies, travel, field trips, equipment repairs, & payroll burden. For this review at PCC only FY 1980-81 was used. 9/ Computed by adding weighted values of six factors shown.

A/ Result of dividing Current Period figure by Base Period figure. B/ Numeric value assigned factor by PCC Task Force (points total 100). C/ Result of multiplying Raw Score by Weighted Value. Expenditures are indexed.

Source: CARVELL Education Management Planning, Inc. May 1982.

Historical Base Period

In this study a four semester period beginning with Spring 1980 and ending in Fall 1981 was used for the program review. As the program review model is implemented at PCC, the data for the current period should be added to the historical data base until at least 10 terms (five academic years) are accumulated for computing averages. Thereafter, the data for the oldest term should be deleted from the base period data so that no more than 10 terms are used for compiling comparative averages.

FTEF

The Full-Time Equivalent Faculty (FTEF) count is the decimal/fraction of teaching hours or units assigned to a full-time credentialled instructor by the college. Usually this is computed on the basis of 15 hours per week for lecture classes, but may be computed on other assignable times for block classes, laboratories, or shop courses.

WSCH

Weekly Student Contact Hours (WSCH) are based on the first census week of an academic term. This represents the total number of hours generated by students in a sections which is added to give a total TOP WSCH and is computed on the basis of census week attendance.

Assigned Instructional Expenditures

In this model, assigned instructional expenditures were computed for FY1980-81 which was the last completed academic year at the time this study began. (Summer sessions were excluded.) Expenditures included faculty and assigned staff salaries, payroll burden, travel, supplies, repair costs, and other expenses. Capital outlay was not included in the total assigned instructional expenses. Total assigned instructional expenses were allocated to each TOP by the department chairs and the Business Services Office. Total assigned expenditures were then divided by the total annual student contact hours per TOP (excluding summer session) to derive an instructional cost per annual contact hour for each TOP. Directions for assigning costs by TOP were included in the working papers delivered to the Office for Instruction.

Raw Score

The raw score is derived by dividing the current data by the base period data for each program review factor. Using this procedure any result that exceeded 1.00 indicated that the current period performance for that factor was higher than the base period. A result of less than 1.00 meant that the current period performance was lower than the base period data. A score of exactly 1.00 meant that no change had occurred.

Assigned Weight

A numeric value that is given to each of the six program review factors which, when totaled, equalled 100. At PCC the Program Review Task force assigned the numeric values to each of the six factors. The raw score is multiplied by the assigned weight for each factor. The assigned weights used in this program

review are shown on Figure 1. These may be changed in subsequent program reviews at PCC.

Weighted Value

The weighted value is the result of multiplying the raw score of each factor by the assigned weight.

Composite Weighted Score

The composite weighted score is the sum of the weighted values for the six factors. This composite score is used to compare overall performance of the program review factors for each TOP with itself and with the college overall performance.

Steps in the Collection and Assembly of Data

The program review model executed by the consultants at PCC entailed 5 major steps in the collection and assembly of information so that individual TOPs could be analyzed and instructional patterns could be identified. Figure 2 shows the relationship between the major steps.

1. Collection of Essential Data and the Use of PCC Computer Printouts. Using the PCC master credit catalog, all credit courses were identified by TOP. The computer center and the Office for Instruction provided computer printouts containing data related to each review factor of the historical base period and current period. Appendix A contains a list of all PCC computer printouts and other institutional reports used by the consultants for gathering quantitative information in this study.

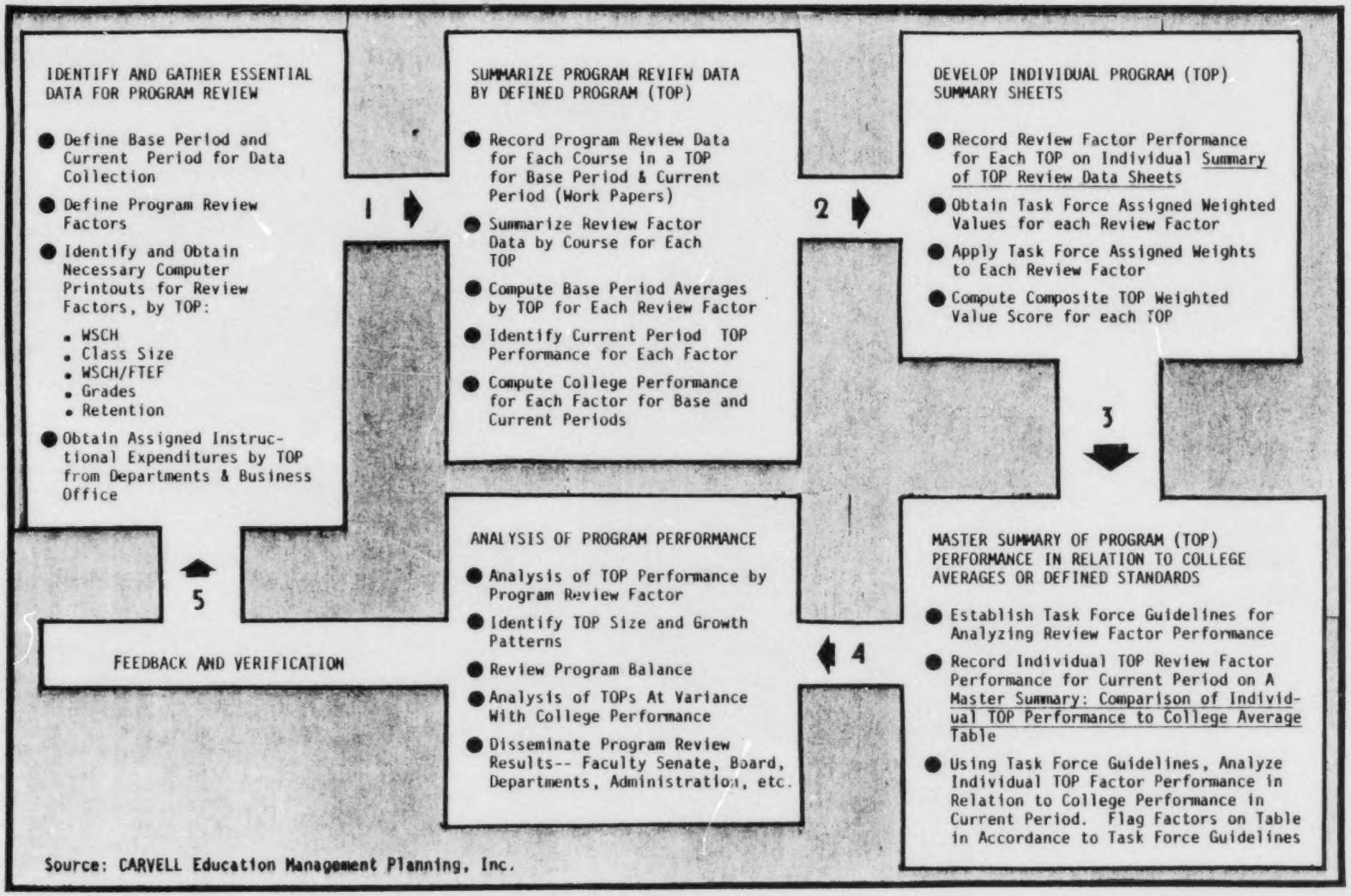
   Assigned instructional expenditures were not taken from computer printouts by the consultants. This information was compiled collaboratively by the department chairs and the Business Services Office for FY 1980-81. Only one time period was used for this factor because of available data. The assignment of instructional expenditures by TOP had not been undertaken by PCC prior to this program review.

2. Summary of Data for Each TOP. Data obtained from printouts or other PCC sources listed in Appendix A were transferred to summary sheets for each individual course comprising a TOP. Complete copies of these summary sheets were delivered to the Office for Instruction as part of the project working papers.

3. Summary of Individual TOP Review Data. After data for individual courses in each TOP were compiled for each semester in the historical base period and current period, they were recorded on individual sheets called Summary Of TOP Review Data. 115 such sheets were compiled along with a PCC composite sheet. These sheets comprise the third section of Volume II. These sheets show the current period performance for each factor compared to the average of the same factor during the base period. The college performance averages are displayed on the summary sheet for the base period and current period so that comparisons can be made between the individual TOP and the college for each factor. The composite college performance average score is shown so that

FIGURE 2

FLOW CHART OF MAJOR STEPS IN PROGRAM REVIEW PROCESS AT PASADENA CITY COLLEGE, FALL 1981


IDENTIFY AND GATHER ESSENTIAL DATA FOR PROGRAM REVIEW
● Define Base Period and Current Period for Data Collection
● Define Program Review Factors
● Identify and Obtain Necessary Computer Printouts for Review Factors, by TOP:
• WSCH
• Class Size
• WSCH/FTEF
• Grades
• Retention
● Obtain Assigned Instructional Expenditures by TOP from Departments & Business Office
1
SUMMARIZE PROGRAM REVIEW DATA BY DEFINED PROGRAM (TOP)
● Record Program Review Data for Each Course in a TOP for Base Period & Current Period (Work Papers)
● Summarize Review Factor Data by Course for Each TOP
● Compute Base Period Averages by TOP for Each Review Factor
● Identify Current Period TOP Performance for Each Factor
● Compute College Performance for Each Factor for Base and Current Periods
2
DEVELOP INDIVIDUAL PROGRAM (TOP) SUMMARY SHEETS
● Record Review Factor Performance for Each TOP on Individual Summary of TOP Review Data Sheets
● Obtain Task Force Assigned Weighted Values for each Review Factor
● Apply Task Force Assigned Weights to Each Review Factor
● Compute Composite TOP Weighted Value Score for each TOP
3
MASTER SUMMARY OF PROGRAM (TOP) PERFORMANCE IN RELATION TO COLLEGE AVERAGES OR DEFINED STANDARDS
● Establish Task Force Guidelines for Analyzing Review Factor Performance
● Record Individual TOP Review Factor Performance for Current Period on A Master Summary: Comparison of Individual TOP Performance to College Average Table
● Using Task Force Guidelines, Analyze Individual TOP Factor Performance in Relation to College Performance in Current Period. Flag Factors on Table in Accordance to Task Force Guidelines
4
ANALYSIS OF PROGRAM PERFORMANCE
● Analysis of TOP Performance by Program Review Factor
● Identify TOP Size and Growth Patterns
● Review Program Balance
● Analysis of TOPs At Variance With College Performance
● Disseminate Program Review Results-- Faculty Senate, Board, Departments, Administration, etc.
5
FEEDBACK AND VERIFICATION

Source: CARVELL Education Management Planning, Inc.

comparisons can be made. For this program review, the College Average Rating Score was 103.5.

In addition to the quantitative information that is contained on each individual TOP summary sheet, space is provided for special comments that may be appropriate. The consultants made comments on each of the 115 TOPs that were part of this study.

4. Master Summary of Individual TOP Comparisons. The results of the program review were summarized on a single table (Master Summary: Comparison of Individual TOP Performance to the College Average, Fall 1981) which appears as Table 3 in Volume I. This master summary table is shown in this volume as Appendix B.

   On this single table, an overview of the results of the six factors is shown for all 115 TOPs in comparison with College averages. TOPs are listed in numeric sequence.

5. Analysis of TOP Performance. Using a set of guidelines developed by the Task Force, the consultants analyzed the TOPs and made their independent comments and observations. These observations and accompanying suggestions are contained in Volume I.

Five steps constitute the process that was employed by the consultants in this program review. With the addition of the suggestions outlined in the following section, these steps provide the framework for continued program reviews by PCC.

GUIDELINES FOR FUTURE PROGRAM REVIEWS AT PCC

The general procedures and steps for program review are described above; however, future program review at PCC should take into consideration the following suggested guidelines.

1. All TOPs with no enrollment for over two years should be considered for removal from the TOPs catalog.

2. TOPs with courses that have not been offered for two years should have their course content reviewed with consideration given to removing them from their respective TOPs.

3. Some TOPs appear to need review to ascertain if they have courses that need reassignment to different TOPs, e.g., Engineering, General, 0901.00; Home Economics, 1301.00; Foods and Nutrition (Dietitian Aide), 1306.00;, Nursing, Practical (LVN) (Nursing 109), 1203.20; and Religious Studies, 1510.00. Some developmental and remedial courses have been transferred to general studies, 4930.XX, after Fall 1981. In this study these courses were included in the subject matter TOPs, i.e., Mathematics, English and Speech. Future reviews need to be certain that comparable data for these TOPs are used and if these courses are to be considered separately, they will need to be removed from their subject matter TOPs for the base period.

4. All courses within a TOP should be classified in one of three categories, such as those suggested by the task force, i.e., essential for the core; promotes student success; or enriching, not essential. See Appendix E, Volume I.

5. All courses should be assigned a consistent and defined FTEF for each laboratory and/or lecture. Block laboratory courses should be assigned to a null section and all sections assigned to that block should be designated concurrent.

6. All concurrent courses should be clearly designated on all computer runs.

7. One official first-census computer tape should be made for each semester and used for runs as base data for that semester. Currently various first census printouts are used with varying dates and data.

8. Enrollments, WSCH for total student enrollment, WSCH/FTEF, completions and passing grades should be generated by section, course, department, TOP and total for official first census, second census and final counts after adjustment. Permanent tapes should exist of these data.

9. Instructional expenditures should be charged by TOP within a cost center. This responsibility should be carried out by department chairs, with the cooperation and assistance of the Business Services Office and approved by the Office for Instruction. Procedures and definitions for this process should be developed collaboratively by the Business Services Office and the Office for Instruction.

10. Summer session WSCH and expenditures should be separated from academic year expenditures.

11. Future annual contact hours should be based on the average of total student WSCH from official first census and final adjusted counts (completers) for each semester multiplied by the total weeks for each semester. Fall and spring semesters should be totalled to obtain the annual contact hours.

12. Actual positive contact hours should be used for short courses when figuring annual contact hours and WSCH/FTEF. Short course sections should be clearly identified.

13. After Spring 1982, data generated each semester should be added to the old base and a new average generated. Because Fall 1981 is included in the base data used in this program review, the base data will not have to be adjusted for comparisons to be made to Spring 1982 data.

14. For ease of analysis in future program reviews some data need to be on a single printout, e.g., first census and end counts; end counts and passing grades; enrollments, section WSCH and total student WSCH; and total student WSCH for first census and total student WSCH at the end of semester.

SUMMARY OF INDIVIDUAL TOPS DATA

The following section includes the college composite and the 115 TOPs sheets that were derived from an analysis of the PCC data and from which suggestions were presented in the first volume of this report. Information from these sheets, plus the individual course back-up sheets, should be used by department chairs and the Office for Instruction as the basis for making program decisions. The individual sheets are presented in sequence by ascending TOPs number.

SUMMARY OF TOP REVIEW DATA

TOP No: TOTAL 115 TOPs Review Period: Fall 1981

TOP TITLE: COMPOSITE OF ALL PCC TOPs

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,959	2,114	1.08	15	16.2
2. Class Size	32.7	35.0	32.7	35.0	1.07	16	17.1
3. WSCH/FTEF (Faculty Load)	524	548	524	548	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.6%	90.4%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	70.7%	72.3%	1.02	18	18.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned of Instruction per Annual Contact Hour	$2.095	$2.095	$2.095/$2.095	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.5

Special Comments About TOP: Generally, all factors have increased their rates over the 4 semester period (Spring 1980 through Fall 1981) covered in this study. WSCH/FTEF (load) and class size appear sound and load was above those shown for the Presidents' Study, XI, Fall 1980. Even though passing grades were down slightly, retention rates were correspondingly up. This may reflect a change in State reporting mandates more than a change in patterns. Student populations are changing and with the change, patterns of enrollment in various TOPs may change. Developmental and remedial courses may increase in size as competency demands increase.

SUMMARY OF TOP REVIEW DATA

TOP No: 0114.00 Review Period: Fall 1981

TOP TITLE: Forestry (225)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	239	285	1.19	15	17.9
2. Class Size	32.7	35.0	39.8	47.5	1.19	16	19.0
3. WSCH/FTEF (Faculty Load)	524	548	596	713	1.20	21	25.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	86.3%	89.3%	1.03	13	13.4
5. Retention Rate (% Completion)	70.7%	72.3%	57.5%	58.9%	1.02	18	18.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.293/$1.293	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 110.9

Special Comments About TOP: Two course were offered in one section each in Fall 1981. Both had less than the PCC average retention rate. Retention rate for the TOP fell below the PCC average by over 18 percent. Follow-up data and placement data need to be obtained to help discern the motivation of students enrolling in this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 0201.00 Review Period: Fall 1981

TOP TITLE: Environmental Design (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,195	1,252	1.05	15	15.8
2. Class Size	32.7	35.0	27.1	31.9	1.18	16	18.9
3. WSCH/FTEF (Faculty Load)	524	548	508	545	1.07	21	22.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.1%	95.9%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	77.2%	76.7%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.713/$2.713	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.3

Special Comments About TOP: In 1980-81 instructional expenditure per annual contact hour was high for this TOP. The WSCH/FTEF (load) has improved in FAll 1981 and this may bring the expenditures more in line with the PCC average if the load remains equal to PCC's in the future.

SUMMARY OF TOP REVIEW DATA

TOP No: 0201.10 Review Period: Fall 1981

TOP TITLE: Environmental Design, Architecture (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score	X Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	851	674	.79	15	11.9
2. Class Size	32.7	35.0	35.7	30.3	.85	16	13.6
3. WSCH/FTEF (Faculty Load)	524	548	577	522	.90	21	18.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.4%	94.9%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	68.0%	81.8%	1.20	18	21.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.795/$1.795	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 96.1

Special Comments About TOP: Class size decreased in Fall 1981 with a corresponding decrease in load (WSCH/FTEF). This may be reflected in higher contact hour costs in the current year. Retention rates and passing grade patterns are good for this TOP. WSCH decreased.

SUMMARY OF TOP REVIEW DATA

TOP No: 0203.00 Review Period: Fall 1981

TOP TITLE: Interior Design (180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	170	198	1.16	15	17.4
2. Class Size	32.7	35.0	28.3	33.0	1.17	16	18.7
3. WSCH/FTEF (Faculty Load)	524	548	509	595	1.17	21	24.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.0%	88.5%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	70.8%	78.8%	1.11	18	20.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.638/$1.638	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 109.8

Special Comments About TOP: The State COPES review data indicated placement from this TOP was below expectations. Follow-up data should be obtained to discern the motivation for students enrolling in this TOP. Is it vocational or avocational?

SUMMARY OF TOP REVIEW DATA

TOP No: 0401.00 Review Period: Fall 1981

TOP TITLE: Natural Life Science (225)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	5,404	5,516	1.02	15	15.3
2. Class Size	32.7	35.0	36.4	37.3	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	565	599	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.3%	92.5%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	77.4%	79.6%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.685/$2.685	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.0

Special Comments About TOP: Based on the factors shown here, all except expenditures compare favorably with the PCC averages. Expenditures per annual contact hour exceed the PCC average by over 28 percent. Fees are charged in laboratory class which are not reflected here and offset a small portion of costs (about 5 cents). The load factor is somewhat helped in this TOP by the TV course, Biology 10, but it is primarily due to the high WSCH/FTEF load of Biology 11. The TV course has a low retention rate (39.7%).
Botany courses tend to carry smaller loads than Biology courses. If Biology 1A continues to decline in enrollment, it may not justify two labs.

Faculty load in the Life Sciences Department is allocated on a different basis than in other departments; this may not be desirable for the institution as a whole in the future when each course is assigned a faculty load.

SUMMARY OF TOP REVIEW DATA

TOP No: 0410.00 Review Period: Fall 1981

TOP TITLE: Physiology (225)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,265	3,695	1.13	15	17.0
2. Class Size	32.7	35.0	34.6	36.2	1.05	16	16.8
3. WSCH/FTEF (Faculty Load)	524	548	538	579	1.08	21	22.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.8%	91.4%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	66.7%	67.4%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.168/$2.168	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.2

Special Comments About TOP: Generally, the factors compare favorably with the PCC averages. Expenditures in laboratory classes are offset in part (about 5 cents) by laboratory fees which are not reflected here. In Fall 1981 the retention rate for Anatomy 25 was 56.6% which is low; but in the extended day class it had a retention rate of only 31.7%. Reasons for this low retention rate should be sought. Anatomy 110 was only taught in Fall 1981. It had few enrollments and a low retention rate. Is this an essential course to the core curriculum? If so, how can it be made viable?

SUMMARY OF TOP REVIEW DATA

TOP No: 0501.00 Review Period: Fall 1981

TOP TITLE: Business & Commerce, General (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,352	1,395	1.03	15	15.5
2. Class Size	32.7	35.0	49.7	52.6	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	719	722	1.00	21	21.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.3%	93.4%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	62.0%	65.1%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.147/$2.147	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.1

Special Comments About TOP: Class size and load (WSCH/FTEF) were high in this TOP. Retention rates were below the PCC average but improving against past retentions.

SUMMARY OF TOP REVIEW DATA

TOP No: 0502.00 Review Period: Fall 1981

TOP TITLE: Accounting (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	5,976	6,350	1.06	15	15.9
2. Class Size	32.7	35.0	44.3	47.0	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	665	706	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.0%	92.6%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	64.5%	67.4%	1.04	18	18.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.851/$1.851	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.9

Special Comments About TOP: This is a large TOP which exceeds the PCC average in class size and WSCH/FTEF (load). Retention rates should be reviewed to see if they are affected by class size and load factors.

SUMMARY OF TOP REVIEW DATA

TOP No: 0504.00 Review Period: Fall 1981

TOP TITLE: Banking and Finance (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,005	1,242	1.24	15	18.6
2. Class Size	32.7	35.0	40.6	46.0	1.13	16	18.1
3. WSCH/FTEF (Faculty Load)	524	548	609	690	1.13	21	23.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	88.7%	82.5%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	54.3%	51.0%	.94	18	16.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.882/$0.882	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.4

Special Comments About TOP: Although most factors compared favorably with the PCC averages, retention rates in this TOP were extremely low (51.0%). Almost half the students left before completion. When this is linked with passing grades, only slightly more than 40 percent of the students starting satisfactorily completed. Retention rates were particularly low in Banking 134 (38.7%) and 144 (34.6%). Banking 110 had marginal enrollment (20) and completion (11). The State COPES review data indicate placement from this program was below expectation. The COPES data coupled with poor retention rates make this a program in need of ongoing attention.

SUMMARY OF TOP REVIEW DATA

TOP No: 0506.00 Review Period: Fall 1981

TOP TITLE: Business Management (185-200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,210	1,281	1.06	15	15.9
2. Class Size	32.7	35.0	37.5	42.7	1.14	16	18.2
3. WSCH/FTEF (Faculty Load)	524	548	563	641	1.14	21	23.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	89.4%	90.2%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	59.5%	59.7%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.611/$1.611	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.1

Special Comments About TOP: Even though most factors compared favorably to PCC averages, retention rates were low (59.7%) for this TOP. Business 116B, an extended day course, had low enrollment and two-thirds of this enrollment did not complete. Business 116A had large classes, but almost 40 percent did not complete. Motivation of students taking this TOP and reasons for low retention should be sought.

SUMMARY OF TOP REVIEW DATA

TOP No: 0506.30 Review Period: Fall 1981

TOP TITLE: Business Management, Management Development (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	507	570	1.12	15	16.8
2. Class Size	32.7	35.0	27.0	31.7	1.17	16	18.7
3. WSCH/FTEF (Faculty Load)	524	548	406	475	1.17	21	24.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.4%	96.4%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	68.9%	68.9%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.096	$2.070/$2.070	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 108.0

Special Comments About TOP: This TOP is increasing in size. WSCH/FTEF (load) and class size are below the PCC average. Business 158 was only offered in FAll 1981; its enrollment was small but its retention was above average. However, the 2 largest courses in this TOP, Business 136 and 160, had the poorest retention rates, 63.6% and 57.5%, respectively. Follow-up is needed from this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 0506.50 Review Period: Fall 1981

TOP TITLE: Business Management, Recreation and Tourism (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,065	1,377	1.29	15	19.4
2. Class Size	32.7	35.0	39.4	45.9	1.16	16	18.6
3. WSCH/FTEF (Faculty Load)	524	548	592	689	1.16	21	24.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	86.4%	80.2%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	58.1%	56.2%	.97	18	17.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.668/$0.668	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 109.0

Special Comments About TOP: WSCH/FTEF (load) and class size are above average in this TOP; however, retention rates and percent passing grades fall considerably below the PCC average. Travel 150 and 160 had particularly low retention, 53.3% and 52.3% respectively. No follow-up or placement data were available in the PCC vocational education office. Do current market conditions enable completers to find jobs? Do students take this TOP for other than vocational interests?

SUMMARY OF TOP REVIEW DATA

TOP No: 0509.10 Review Period: Fall 1981

TOP TITLE: Marketing and Distribution (180-185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	1,399	1,440	1.03	15	15.5
2. Class Size	32.7	35.0	35.5	35.1	.99	16	15.8
3. WSCH/FTEF (Faculty Load)	524	548	609	601	.99	21	20.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.5%	91.9%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	70.5%	70.1%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.503/$1.503	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 99.6

Special Comments About TOP: Factors compare favorably with PCC averages. The retention rate for the TOP was about the same as the PCC average, but Marketing 123 had a retention rate of 54.9% in Fall 1981.

SUMMARY OF TOP REVIEW DATA

TOP No: 0509.20 Review Period: Fall 1981

TOP TITLE: Marketing and Distribution, Purchasing (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	353	540	1.53	15	23.0
2. Class Size	32.7	35.0	33.6	45.0	1.34	16	21.4
3. WSCH/FTEF (Faculty Load)	524	548	504	675	1.34	21	28.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	85.0%	82.9%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	68.3%	77.8%	1.14	18	20.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.804/$0.804	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 122.7

Special Comments About TOP: This is a small TOP that is increasing in size. Factors are above the PCC averages (below for expenditures).

SUMMARY OF TOP REVIEW DATA

TOP No: 0509.50 Review Period: Fall 1981

TOP TITLE: Marketing and Distribution, Merchandising (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	971	1,016	1.05	15	15.8
2. Class Size	32.7	35.0	37.5	41.8	1.11	16	17.8
3. WSCH/FTEF (Faculty Load)	524	548	583	649	1.11	21	23.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.8%	94.4%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	67.3%	63.8%	.95	18	17.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.869/$1.869	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.9

Special Comments About TOP: Retention rates in the regular day classes were on or above the PCC average. In Fall 1981, Marketing 120, 125 and 130 were offered in extended day and had retention rates of 37.2%, 59.4%, and 56.5%, respectively. It suggests that motivation of students for taking courses may be different in the evening courses than the day. Reasons for poor retention rates should be sought to see if courses are fulfilling vocational objectives.

SUMMARY OF TOP REVIEW DATA

TOP No: 0511.00 Review Period: Fall 1981

TOP TITLE: Real Estate (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,072	1,599	.77	15	11.6
2. Class Size	32.7	35.0	38.9	38.1	.98	16	15.7
3. WSCH/FTEF (Faculty Load)	524	548	584	571	.98	21	20.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	88.1%	85.4%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	62.0%	57.8%	.93	18	16.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.907/$0.907	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 94.2

Special Comments About TOP: TOP size is declining. Retention rates in Fall 1981 were lower than in the past. Is this reflective of the current labor market? Will this TOP decline further? Have State licensing requirements changed and do they impact on the TOP?

Should Real Estate 153 (very low retention-43.3%) and Real Estate 160 be offered on an alternate semester basis as is Real Estate 166? Follow-up and placement data are needed for this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 0512.00 Review Period: Fall 1981

TOP TITLE: Insurance (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	195	135	.69	15	10.4
2. Class Size	32.7	35.0	18.8	22.5	1.20	16	19.2
3. WSCH/FTEF (Faculty Load)	524	548	279	338	1.21	21	25.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.8%	100.0%	1.05	13	13.7
5. Retention Rate (% Completion)	70.7%	72.3%	73.5%	60.0%	.82	18	14.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.381/$0.381	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.5

Special Comments About TOP: This TOP has low class size, WSCH/FTEF (load), and retention. WSCH/FTEF is about 62% of the Presidents' Study, XI, Fall 1980, average. The time slot in which this TOP was offered may not have encouraged large enrollment (3-6PM). Follow-up data and placement information were not available from the PCC vocational education office. Should this TOP be offered on a fee basis in continuing/community education as demand warrants?

SUMMARY OF TOP REVIEW DATA

TOP No: 0514.00 Review Period: Fall 1981

TOP TITLE: Secretarial Studies, General (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,958	2,017	1.03	15	15.5
2. Class Size	32.7	35.0	29.7	33.7	1.13	16	18.1
3. WSCH/FTEF (Faculty Load)	524	548	523	577	1.10	21	23.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.1%	92.1%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	64.2%	63.5%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.096	$2.095	$1.618/$1.618	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.0

Special Comments About TOP: Generally, data for all factors except retention in this TOP compare favorably with PCC averages. In Fall 1981, the following courses in this TOP had retention rates of less than 70 percent: Business 16, Office Administration 5A, 106, 108, 115 and 140. Reasons for these retention rates should be sought; especially for Office Administratiion 5A which had a retention rate of 52.6%.

SUMMARY OF TOP REVIEW DATA

TOP No: 0514.60 Review Period: Fall 1981

TOP TITLE: Secretarial Studies, Typing (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,059	3,524	1.15	15	17.3
2. Class Size	32.7	35.0	33.8	37.3	1.10	16	17.6
3. WSCH/FTEF (Faculty Load)	524	548	628	699	1.11	21	23.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.0%	90.7%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	67.1%	67.8%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.611/$1.611	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.1

Special Comments About TOP: This TOP tended to fall near or above (below for expenditures) the PCC average for all factors. Retention rates were low in Office Administration 26 (57.0%), 105 (55.7%), 107B (54.5%) and 111 (53.5%). Class size for Office Administration 107B and 107C is small. Should these be offered on alternate semesters? Follow-up data should be sought to discern reasons for low retention in some courses.

SUMMARY OF TOP REVIEW DATA

TOP No: 0699.20 Review Period: Fall 1981

TOP TITLE: Tax Studies (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	267	249	.93	15	14.0
2. Class Size	32.7	35.0	32.4	27.7	.85	16	13.6
3. WSCH/FTEF (Faculty Load)	524	548	485	415	.86	21	18.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	76.8%	71.2%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	58.1%	62.7%	1.08	18	19.4

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.620/$0.620	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 94.2

Special Comments About TOP: Two courses in three sections were taught in Fall 1981. This TOP is performing poorly against itself and PCC as a whole. Follow-up and placement data were not available for this TOP from the vocational education office. Should this TOP be offered as a community/ continuing education program on a fee basis as needed?

SUMMARY OF TOP REVIEW DATA

TOP No: 0601.00 Review Period: Fall 1981

TOP TITLE: Communications, General (190)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	479	606	1.27	15	19.1
2. Class Size	32.7	35.0	79.8	101.0	1.27	16	20.3
3. WSCH/FTEF (Faculty Load)	524	548	737	1,010	1.37	21	28.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	88.6%	90.4%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	90.8%	93.1%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.365/$1.365	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 117.0

Special Comments About TOP: This TOP consists of one course offered in two sections each semester. Team teaching is used as a delivery method. The WSCH/FTEF ratio is the highest of any PCC program with the exception of Humanities which is also teamed.

SUMMARY OF TOP REVIEW DATA

TOP No: 0602.00 Review Period: Fall 1981

TOP TITLE: Journalism (190)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,011	1,076	1.06	15	15.9
2. Class Size	32.7	35.0	27.3	28.7	1.05	16	16.8
3. WSCH/FTEF (Faculty Load)	524	548	323	338	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.9%	92.8%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	68.0%	69.9%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.294/$3.294	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.6

Special Comments About TOP: Class size, WSCH/FTEF (load), and expenditures do not approach PCC averages. Journalism 2 and 7 are team taught. Based on loads and expenditures for the program, it appears to need examination.
Could courses such as Journalism 4A, 5, 7, 22 and 23 be offered on an alternate semester basis? Could some courses be taught concurrently as Journalism 22 and 23 are? It appears that this program may need some reorganization.

SUMMARY OF TOP REVIEW DATA

TOP No: 0603.00 Review Period: Fall 1981

TOP TITLE: Radio-Television (Tel/Com) (190)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,121	3,310	1.06	15	15.9
2. Class Size	32.7	35.0	22.0	22.7	1.03	16	16.5
3. WSCH/FTEF (Faculty Load)	524	548	399	410	1.03	21	21.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	91.8%	87.8%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	77.8%	81.7%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.314/$2.314	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.4

Special Comments About TOP: Although laboratory space may dictate some class sizes, the retention rates in this TOP are high. WSCH/FTEF (load) was below the PCC average and the average from the Presidents' Study, XI, Fall 1980 (447). This TOP had a load of 380 in Fall 1980. Class size is small in the following courses: Telcom 2A (are 7 labs too many?), 2B, 2C, 16A, 16B, 18, 21, 100A, 100B (one lab may be sufficient), 100C, 100D and 120. The TOP needs to have an assessment made of its equipment to set priorities for renewal. If PCC is to maximize its instructional program greater access to the radio station for instruction purposes may be necessary. At the time of the study, data from a student follow-up were being compiled. These data should be reviewed to determine necessary modifications for the TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 0701.00 Review Period: Fall 1981

TOP TITLE: Computer and Information Sciences (230)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	6,978	8,966	1.28	15	19.2
2. Class Size	32.7	35.0	43.1	44.2	1.03	16	16.5
3. WSCH/FTEF (Faculty Load)	524	548	648	664	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.0%	89.1%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	67.1%	69.9%	1.04	18	18.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.096	$2.095	$1.193/$1.193	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.4

Special Comments About TOP: This TOP is the fastest growing TOP at PCC. Instructional expenditures do not reflect all the expenditures for this TOP. The computer center portion of expenditures that are used for instructional purposes are not reflected here. Computer Science 6 was a small class (22) with poor retention rates (27.3%); Data Processing 124, 174 and 180 were small classes of 13, 15 and 17. Retention in DP 180 was only 29.4%. The State COPES review indicated that there needed to be greater coordination between the classroom instructional delivery and the computer service center.

SUMMARY OF TOP REVIEW DATA

TOP No: 0808.20 Review Period: Fall 1981

TOP TITLE: Special Education, Service Aide (190-260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	911	975	1.07	15	16.1
2. Class Size	32.7	35.0	24.5	25.6	1.04	16	16.6
3. WSCH/FTEF (Faculty Load)	524	548	370	386	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	91.0%	89.4%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	65.0%	62.9%	.97	18	17.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.231/$1.231	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.7

Special Comments About TOP: WSCH/FTEF (load) is low for this TOP. Several courses are offered with very small class loads. Because of the students enrolled and nature of the course content this may be appropriate; however, the retention rate in Communications 10 B is low (51.3%). Do follow-up data show placement for completers of this TOP? The State COPES review data were not available for this TOP in the vocational education office at PCC.

SUMMARY OF TOP REVIEW DATA

TOP No: 0835.00 Review Period: Fall 1981

TOP TITLE: Physical Education (Men & Women) (245)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	19,566	21,038	1.08	15	16.2
2. Class Size	32.7	35.0	32.7	34.9	1.07	16	17.1
3. WSCH/FTEF (Faculty Load)	524	548	642	681	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.4%	92.3%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	70.4%	72.6%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.979 /$1.979	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.7

Special Comments About TOP: Overall, this TOP appears to be performing strongly. Facilities are in need of upgrading and modernization. This is the second largest program in terms of WSCH at PCC and comprises 8% of the total WSCH generated by the college for the four semesters covered in the study.

Of 86 possible courses, 62 had active enrollments in the past 4 semesters and 47 were active in Fall 1981. Courses with loads (WSCH/FTEF) below 400 in Fall 1981 were PE Activity 86A (381), 88B (381), 88D (233), 89D (85), PE Theory 3 (331), 9 (295), 27C (241), and 52 (393). The following courses had low retention rates: PE Activity 32 (41.8%), 11 (54.8%), 15 (53.8%), PE Theory 3 (27.3%). PE Theory 3 had both low load rates and retention rates.

SUMMARY OF TOP REVIEW DATA

TOP No: 0837.00 Review Period: Fall 1981

TOP TITLE: Health Education (245)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,701	2,688	1.00	15	15.0
2. Class Size	32.7	35.0	48.2	52.4	1.09	16	17.4
3. WSCH/FTEF (Faculty Load)	524	548	738	792	1.07	21	22.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.2%	95.1%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	78.4%	82.0%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.779 /$1.779	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.8

Special Comments About TOP: This TOP is operating at above (below for expenditures) PCC average rates on all factors. The Health Education 44 TV program (43.5%) has a lower retention rate than its on-campus counterpart class (81.6%).

SUMMARY OF TOP REVIEW DATA

TOP No: 0839.00 Review Period: Fall 1981

TOP TITLE: Industrial Arts (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	524	544	1.04	15	15.6
2. Class Size	32.7	35.0	26.2	27.2	1.04	16	16.6
3. WSCH/FTEF (Faculty Load)	524	548	485	504	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	81.9%	76.1%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	53.6%	64.7%	1.21	18	21.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.939 /$1.939	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.9

Special Comments About TOP: Six courses comprises this TOP; 5 had enrollment in at least one semester of the four in the study and 4 had enrollment in Fall 1981. The percent passing grades and retention rates are low for this program. This program should have follow-up data to determine outcomes for students enrolled in these courses. Are they future industrial arts educators and do they transfer to CSU after completion?

SUMMARY OF TOP REVIEW DATA

TOP No: 0901.00 Review Period: Fall 1981

TOP TITLE: Engineering, General (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	251	261	1.04	15	15.6
2. Class Size	32.7	35.0	25.5	27.0	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	443	461	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	98.8%	95.1%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	83.3%	75.9%	.91	18	16.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.906 /$2.906	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.3

Special Comments About TOP: This TOP has 6 courses listed in the TOPs Catalog. Four have been offered during the past 4 semesters and 3 in Fall 1981. This is a transfer program to UC and CSU. The WSCH/FTEF (load) factor (461) falls below the PCC average (548) and the load average shown in the Presidents' Study, XI, Fall 1980 (480). Past students should be followed to ascertain if they transfer to 4-year institutions and where they transfer. Is this TOP category reflective of the courses taught as one course is taught concurrently with Drafting?

SUMMARY OF TOP REVIEW DATA

TOP No: 0925.00 Review Period: Fall 1981

TOP TITLE: General Engineering Technology (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,233	1,674	1.36	15	20.4
2. Class Size	32.7	35.0	28.5	27.9	.98	16	15.7
3. WSCH/FTEF (Faculty Load)	524	548	522	507	.97	21	20.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	91.4%	89.6%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	75.3%	72.0%	.96	18	17.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.693 /$1.693	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.5

Special Comments About TOP: This TOP is a transfer program to CSU and is comprised of 2 courses.

SUMMARY OF TOP REVIEW DATA

TOP No: 0934.20 Review Period: Fall 1981

TOP TITLE: Electrical Technology, Electronics (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,519	1,621	1.07	15	16.1
2. Class Size	32.7	35.0	28.2	28.2	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	464	489	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.6%	95.4%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	68.7%	69.1%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.914 /$1.914	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.4

Special Comments About TOP: This TOP is a vocational program comprised of 34 courses in the TOP catalog; however, only 15 have been taught in the past 4 semesters and 8 in Fall 1981. Courses not taught for the past 2 years should be reviewed to see if they should be removed from the TOP listing. WSCH/FTEF (load 489) falls below the PCC average (548) and the ACCCA Presidents' Study, XI--569 for TOP 934.00 in Fall 1980.

SUMMARY OF TOP REVIEW DATA

TOP No: 0934.40 Review Period: Fall 1981

TOP TITLE: Electrical Technology, Electricity (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	997	1,140	1.14	15	17.1
2. Class Size	32.7	35.0	54.8	62.0	1.13	16	18.1
3. WSCH/FTEF (Faculty Load)	524	548	843	964	1.14	21	23.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	83.3%	79.5%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	64.2%	66.9%	1.04	18	18.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.525 /$1.525	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 107.2

Special Comments About TOP: This TOP is a vocational program. Retention rates and percent of passing grades are lower than the PCC average. Class size and WSCH/FTEF (load) are high. Reasons for below PCC average passing and retention rates should be sought and follow-up data of placement should be available. Electricity 248A had a 56.5% retention rate in Fall 1981.

SUMMARY OF TOP REVIEW DATA

TOP No: 0934.80 Review Period: Fall 1981

TOP TITLE: Electrical Technology, Laser Tech. (255)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted .VALUE
1. WSCH Trend	1,959	2,114	1,175	1,437	1.22	15	18.3
2. Class Size	32.7	35.0	39.6	35.8	.90	16	14.4
3. WSCH/FTEF (Faculty Load)	524	548	631	564	.89	21	18.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.6%	81.3%	.90	13	11.7
5. Retention Rate (% Completion)	70.7%	72.3%	72.8%	70.4%	.97	18	17.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.515 /$1.514	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 97.6

Special Comments About TOP: This TOP is an emerging program and is growing at PCC. Percent passing grades falls below its own average and the PCC average for Fall 1981. Do changes in the program need to be made to assist students succeed? What are the placement rates from this program?

SUMMARY OF TOP REVIEW DATA

TOP No: 0936.00 Review Period: Fall 1981

TOP TITLE: Printing & Lithograph (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,043	3,629	1.19	15	17.9
2. Class Size	32.7	35.0	22.4	24.3	1.08	16	17.3
3. WSCH/FTEF (Faculty Load)	524	548	432	483	1.12	21	23.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.9%	85.5%	.91	13	11.8
5. Retention Rate (% Completion)	70.7%	72.3%	72.9%	73.4%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.905 /$1.905	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.7

Special Comments About TOP: Retention rates for Printing 190A (54.5%), 192A (60.0%), 198A (62.1%), and 198B (40.0%) were low for Fall 1981. The State COPES study indicates this program needs review in several areas including community needs, objectives and follow-up.

SUMMARY OF TOP REVIEW DATA

TOP No: 0945.11 Review Period: Fall 1981

TOP TITLE: Mechanical Tech., Air Conditioning (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	631	712	1.13	15	17.0
2. Class Size	32.7	35.0	39.4	44.5	1.13	16	18.1
3. WSCH/FTEF (Faculty Load)	524	548	789	890	1.13	21	23.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	84.0%	71.9%	.86	13	11.2
5. Retention Rate (% Completion)	70.7%	72.3%	88.1%	82.0%	.93	18	16.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$.0.948/$0.948	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.7

Special Comments About TOP: WSCH/FTEF (load 890) and class size (44.5) is high for this TOP. When these data are coupled with percent passing grades (71.9%) which falls 20% below the PCC average, there are indications that the reasons for low passing grades should be sought. The State COPES review indicated that follow-up and inservice education for this TOP fell below expectations. Are completers placed?

SUMMARY OF TOP REVIEW DATA

TOP No: 0948.10 Review Period: Fall 1981

TOP TITLE: Auto Tech., Mechanic (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,227	2,169	.97	15	14.6
2. Class Size	32.7	35.0	31.8	34.1	1.07	16	17.1
3. WSCH/FTEF (Faculty Load)	524	548	440	472	1.07	21	22.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	89.7%	87.6%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	74.0%	80.4%	1.09	18	19.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.345 /$2.345	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.5

Special Comments About TOP: Although this TOP had a WSCH/FTEF below the PCC average, it compared favorably with the Presidents' Study, XI, Fall 1980 (438); however, the State COPES review indicated that staff morale is low, follow-up data needs to improve, that the TOP had lower than expected placements. Indications are that modernization needs to occur in the tool and supply room, including possible installation of a computerized inventory control system. What about facilities?

SUMMARY OF TOP REVIEW DATA

TOP No: 0948.30 Review Period: Fall 1981

TOP TITLE: Auto Tech., Motorcycle Repair (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	913	1,250	1.37	15	20.6
2. Class Size	32.7	35.0	37.3	44.0	1.18	16	18.9
3. WSCH/FTEF (Faculty Load)	524	548	494	615	1.24	21	26.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.4%	90.8%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	71.8%	73.9%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.943 /$1.943	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 113.5

Special Comments About TOP: This TOP is taught at the Community Skill Center. No data were available from the PCC vocational education office indicating follow-up or placement from this program.

SUMMARY OF TOP REVIEW DATA

TOP No: 0950.30 Review Period: Fall 1981

TOP TITLE: Aero & Aviation Tech. (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	650	676	1.04	15	15.6
2. Class Size	32.7	35.0	38.9	41.0	1.05	16	16.8
3. WSCH/FTEF (Faculty Load)	524	548	650	676	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	75.0%	69.4%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	66.9%	67.7%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.038 /$2.038	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.5

Special Comments About TOP: When percent passing grades are linked with retention rates which fall below the PCC averages, less than half the students who started Fall 1981 completed their courses satisfactorily. Why? No follow-up data were available in the vocational education office at PCC.

SUMMARY OF TOP REVIEW DATA

TOP No: 0952.00 Review Period: Fall 1981

TOP TITLE: Construction Crafts Tech. (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,630	2,116	1.30	15	19.5
2. Class Size	32.7	35.0	32.2	36.8	1.14	16	18.2
3. WSCH/FTEF (Faculty Load)	524	548	574	622	1.08	21	22.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	97.9%	97.5%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	80.3%	85.9%	1.07	18	19.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.967 /$1.967	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 109.7

Special Comments About TOP: Strong retention and percent passing grades rates as well as high WSCH/FTEF and class size.

SUMMARY OF TOP REVIEW DATA

TOP No: 0952.30 Review Period: Fall 1981

TOP TITLE: Construction, Plumbing (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	143	162	1.13	15	17.0
2. Class Size	32.7	35.0	47.5	54.0	1.14	16	18.2
3. WSCH/FTEF (Faculty Load)	524	548	713	810	1.14	21	23.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.0%	92.3%	1.03	13	13.4
5. Retention Rate (% Completion)	70.7%	72.3%	52.6%	48.1%	.91	18	16.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.090 /$1.090	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.9

Special Comments About TOP: Retention rates (48.1%) should be noted and reasons for them sought. Plumbing was offered in two of the four semesters included in this study.

SUMMARY OF TOP REVIEW DATA

TOP No: 0953.00 Review Period: Fall 1981

TOP TITLE: Drafting Tech. (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,121	2,604	1.23	15	18.5
2. Class Size	32.7	35.0	24.0	25.9	1.08	16	17.3
3. WSCH/FTEF (Faculty Load)	524	548	422	465	1.10	21	23.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.7%	89.7%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	71.0%	75.8%	1.07	18	19.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.906 /$2.906	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 107.8

Special Comments About TOP: WSCH/FTEF (load 465) was low when compared to the PCC average and to the Presidents' Study, XI, Fall 1980 (530). Expenditures were almost 40% above the PCC average. The State COPES report indicates several areas in need of review including labor market, community needs, follow-up, and support services.
Class size was determined by allocating student hours to be arranged to open lab.

SUMMARY OF TOP REVIEW DATA

TOP No: 0956.00 Review Period: Fall 1981

TOP TITLE: Industrial Tech., General (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	304	154	.51	15	7.7
2. Class Size	32.7	35.0	41.7	37.0	.89	16	14.2
3. WSCH/FTEF (Faculty Load)	524	548	829	770	.93	21	19.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.9%	94.6%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	86.7%	100.0%	1.15	18	20.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.032 /$2.032	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 91.8

Special Comments About TOP: All factors compare favorably with PCC averages, except WSCH trend. This is a very small program.

SUMMARY OF TOP REVIEW DATA

TOP No: 0956.20 Review Period: Fall 1981

TOP TITLE: Industrial Tech., Metal (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,264	1,621	1.28	15	19.2
2. Class Size	32.7	35.0	20.8	26.5	1.27	16	20.3
3. WSCH/FTEF (Faculty Load)	524	548	395	507	1.28	21	26.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	80.0%	86.1%	1.08	13	14.0
5. Retention Rate (% Completion)	70.7%	72.3%	71.1%	79.0%	1.11	18	20.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.032 /$2.032	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 117.4

Special Comments About TOP: This TOP and 0956.00 are inter-related. Although WSCH/FTEF falls below the PCC average, it is about the same as the Presidents' Study, XI, Fall 1980 average (430) in that the WSCH/FTEF in Fall 1980 for the TOP was 416. The State COPES review indicated several areas in which the program fell below expectations including planning, follow-up, placement, and support staff. Class size was determined by allocating student hours to be arranged to open lab.

SUMMARY OF TOP REVIEW DATA

TOP No: 0956.50 Review Period: Fall 1981

TOP TITLE: Industrial Tech., Welding (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,305	1,517	1.16	15	17.4
2. Class Size	32.7	35.0	26.3	25.3	.96	16	15.4
3. WSCH/FTEF (Faculty Load)	524	548	522	506	.97	21	20.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.5%	84.0%	.90	13	11.7
5. Retention Rate (% Completion)	70.7%	72.3%	59.0%	56.8%	.96	18	17.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.968 /$1.968	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 99.2

Special Comments About TOP: Retention rates are considerably below the PCC average. Less than half the students who enrolled in courses in Fall 1981 completed with satisfactory grades when passing grades and retention rates are linked. This TOP has not improved against itself and several factors fell below previous levels. Class size was determined by allocating student hours to be arranged over open lab.

SUMMARY OF TOP REVIEW DATA

TOP No: 0956.90 Review Period: Fall 1981

TOP TITLE: Industrial Tech., Music Instrument Repair (235)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	185	124	.67	15	10.1
2. Class Size	32.7	35.0	15.4	10.3	.67	16	10.7
3. WSCH/FTEF (Faculty Load)	524	548	285	191	.67	21	14.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.8%	90.9%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	72.4%	71.0%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.865/$1.865	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 82.0

Special Comments About TOP: This TOP is one of only two such programs offered in the State. It is a very small program and is not doing well when compared against itself over the 4 semester period. Class size and WSCH/FTEF (load) are very low. Expenditures are below the institutional average. Retention rates are mixed when individual courses were reviewed for 1981. Reorganization of this TOP appears to be in order. Follow-up and placement data should be sought.

SUMMARY OF TOP REVIEW DATA

TOP No: 0957.30 Review Period: Fall 1981

TOP TITLE: Civil & Construction Management (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	456	359	.79	15	11.9
2. Class Size	32.7	35.0	19.6	17.3	.88	16	14.1
3. WSCH/FTEF (Faculty Load)	524	548	418	359	.86	21	18.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.9%	93.0%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	74.2%	62.3%	.84	18	15.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.600/$1.600	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 88.8

Special Comments About TOP: This is a small vocational education program at PCC. Class size, WSCH/FTEF (load) and retention rates fall below the PCC average. When this TOP was compared with its own past performance it fell below its own performance on all factors. No follow-up or placement data were available in the vocational education office at PCC.

SUMMARY OF TOP REVIEW DATA

TOP No: 1001.06 Review Period: Fall 1981

TOP TITLE: Art History & Appreciation (180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,560	1,398	.90	15	13.5
2. Class Size	32.7	35.0	65.0	58.3	.90	16	14.4
3. WSCH/FTEF (Faculty Load)	524	548	975	874	.90	21	18.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	89.0%	85.3%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	77.2%	81.5%	1.06	18	19.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.489/$1.489	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 95.4

Special Comments About TOP: This TOP has large class size and WSCH/FTEF factors when compared to the PCC average with correspondingly lower expenditures per annual contact hour.

SUMMARY OF TOP REVIEW DATA

TOP No: 1002.00 Review Period: Fall 1981

TOP TITLE: Art (180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	7,201	7,330	1.02	15	15.3
2. Class Size	32.7	35.0	30.5	31.0	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	549	559	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.7%	89.5%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	64.5%	68.0%	1.05	18	18.9

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.644/$1.644	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.8

Special Comments About TOP: This is the sixth largest TOP in terms of WSCH generated in FAll 1981 at PCC. Generally, this TOP compares favorably with PCC averages for load and grade patterns. Expenditures are below the PCC average. In addition, some courses charge lab fees to offset instructional supply costs. These are not reflected in the expenditures total shown here.

SUMMARY OF TOP REVIEW DATA

TOP No: 1004.00 Review Period: Fall 1981

TOP TITLE: Music (236)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	5,998	6,581	1.10	15	16.5
2. Class Size	32.7	36.0	23.2	25.0	1.08	16	17.3
3. WSCH/FTEF (Faculty Load)	524	548	367	387	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.4%	87.9%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	65.3%	66.9%	1.02	18	18.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.229/$3.229	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.9

Special Comments About TOP: This is a large and growing TOP at PCC. It was the seventh largest in terms of WSCH in FAll 1981. Of 93 courses availale, 82 have been offered in at least one of the 4 past semesters. In Fall 1981, 50 courses were offered in 99 sections. Many courses have small enrollments, below average passing grades and retentions below the PCC average. Expenditures are high and do not include expenditures for the Rose Bowl Parade Band which is budgeted separately. Faculty loads were both below the PCC average and those shown in the Presidents' Study, XI, Fall 1980. It appears this TOP needs reorganization. Backup material for this study should be reviewed for individual courses.

SUMMARY OF TOP REVIEW DATA

TOP No: 1007.00 Review Period: Fall 1981

TOP TITLE: Dramatic Arts (190)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,110	3,612	1.16	15	17.4
2. Class Size	32.7	35.0	37.1	39.9	1.08	16	17.3
3. WSCH/FTEF (Faculty Load)	524	548	514	534	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.1%	88.8%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	74.6%	77.4%	1.04	18	18.7
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.706/$1.706	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.1

Special Comments About TOP: Theatre Arts 2B, 2C, 29 and 41A had low WSCH/FTEF loads in Fall 1981. Retention rates in Theatre Arts 2A, 4 and 12A were each below 60 percent.

SUMMARY OF TOP REVIEW DATA

TOP No: 1009.00 Review Period: Fall 1981

TOP TITLE: Applied Design (180 and 200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,573	2,584	1.00	15	15.0
2. Class Size	32.7	35.0	29.7	33.0	1.11	16	17.8
3. WSCH/FTEF (Faculty Load)	524	548	545	597	1.10	21	23.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.3%	86.5%	.94	13	12.2
5. Retention Rate (% Completion)	70.7%	72.3%	73.6%	71.6%	.97	18	17.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.661/$1.661	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.6

Special Comments About TOP: The State COPES review indicated a need for a community needs assessment, an assessment of equipment, goals and follow-up.

SUMMARY OF TOP REVIEW DATA

TOP No: 1011.00 Review Period: Fall 1981

TOP TITLE: Photography (180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	4,910	5,258	1.07	15	16.1
2. Class Size	32.7	36.0	36.3	37.1	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	673	696	1.03	21	21.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	86.2%	86.6%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	66.6%	65.0%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.998/$1.998	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.6

Special Comments About TOP: Although retention rates are below PCC averages, this TOP compares favorably to PCC averages for other factors. Fees are collected to offset lab costs and these are not reflected in the expenditures shown above. The State COPES review indicated a need for follow-up of students, review of counseling for assignment of students to the program and a need to improve support resources for the program.

SUMMARY OF TOP REVIEW DATA

TOP No: 1101.00 Review Period: Fall 1981

TOP TITLE: Foreign Language, General (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3	3	1.00	15	15.0
2. Class Size	32.7	35.0	--	--	--	16	--
3. WSCH/FTEF (Faculty Load)	524	548	--	--	--	21	--
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	100.0%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	80.0%	66.7%	.83	18	14.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.259/$0.259	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: N. A.

Special Comments About TOP: This TOP is supportive to the other foreign language TOPs. This entire TOPS is comprised of students engaged in independent study in the foreign languages.

General comments about all foreign languages: the language lab is in need of renovation. Retention rates in several languages tend to be low and some languages do not appear to be used as transfer credit. Follow-up of students is needed. Programs and courses need to be categorized as essential to transfer core (if transfer can be shown), beneficial or enrichment or personal interest oriented. Some of those in the last category may have to be offered in community/continuing education on a fee basis.

SUMMARY OF TOP REVIEW DATA

TOP No: 1102.00 Review Period: Fall 1981

TOP TITLE: French (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,072	2,364	1.14	15	17.1
2. Class Size	32.7	35.0	33.7	34.3	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	518	530	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	91.9%	88.2%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	58.1%	58.7%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.505/$2.505	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.5

Special Comments About TOP: Retention rates are low. Should French 300A & B be taught as community/ continuing education courses on a fee basis as retention is low and courses do not transfer?

SUMMARY OF TOP REVIEW DATA

TOP No: 1103.00 Review Period: Fall 1981

TOP TITLE: German

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	780	870	1.12	15	16.8
2. Class Size	32.7	35.0	28.4	29.0	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	426	435	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.2%	92.9%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	60.6%	64.4%	1.06	18	19.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.051/$3.051	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.3

Special Comments About TOP: Even though only the basic 4 courses are taught in this TOP, load is low and expenditures are high. German 1 has the poorest retention rate of the 4 courses; thus, it starts with larger classes but by semester end classes are the same size as the other courses in this TOP. Does better screening of students need to occur? Do methods of instruction need to change?

SUMMARY OF TOP REVIEW DATA

TOP No: 1104.00 Review Period: Fall 1981

TOP TITLE: Italian (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	394	585	1.48	15	22.2
2. Class Size	32.7	35.0	35.0	39.0	1.11	16	17.8
3. WSCH/FTEF (Faculty Load)	524	548	526	586	1.11	21	23.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.5%	92.5%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	60.0%	57.3%	.96	18	17.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.096	$2.096	$2.599/$2.599	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 110.9

Special Comments About TOP: High expenditures and low retention rates. What happens to students who complete?

SUMMARY OF TOP REVIEW DATA

TOP No: 1105.00 Review Period: Fall 1981

TOP TITLE: Spanish (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	4,092	4,158	1.02	15	15.3
2. Class Size	32.7	35.0	36.0	36.1	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	538	543	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.8%	83.1%	.92	13	12.0
5. Retention Rate (% Completion)	70.7%	72.3%	61.6%	63.2%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.845/$1.845	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.0

Special Comments About TOP: The largest TOP in the foreign languages.

SUMMARY OF TOP REVIEW DATA

TOP No: 1106.00 Review Period: Fall 1981

TOP TITLE: Russian (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	133	140	1.05	15	15.8
2. Class Size	32.7	35.0	26.7	28.0	1.05	16	16.8
3. WSCH/FTEF (Faculty Load)	524	548	400	420	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.7%	77.8%	.86	13	11.2
5. Retention Rate (% Completion)	70.7%	72.3%	53.8%	64.3%	1.20	18	21.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.084/$3.084	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.5

Special Comments About TOP: A low percent of passing grades coupled with poor retention rates means that few students who start this TOP satisfactorily complete their courses. What motivates students to enroll—transfer, personal interest, job? This TOP may not generate sufficient enrollment to continue to be a viable credit program. Russian was only taught in three of the four semesters included in this study.

SUMMARY OF TOP REVIEW DATA

TOP No: 1107.00 Review Period: Fall 1981

TOP TITLE: Chinese (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	159	190	1.19	15	17.9
2. Class Size	32.7	35.0	31.8	38.0	1.19	16	19.0
3. WSCH/FTEF (Faculty Load)	524	548	477	571	1.20	21	25.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.6%	95.7%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	61.4%	60.5%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.219/$1.219	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 110.2

Special Comments About TOP: Comments made at the beginning of this section regarding retention apply.

SUMMARY OF TOP REVIEW DATA

TOP No: 1108.00 Review Period: Fall 1981

TOP TITLE: Japanese (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	415	545	1.31	15	19.7
2. Class Size	32.7	35.0	47.4	54.5	1.15	16	18.4
3. WSCH/FTEF (Faculty Load)	524	548	712	818	1.15	21	24.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.0%	96.2%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	53.9%	47.7%	.88	18	15.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.934/$0.934	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 108.2

Special Comments About TOP: Low retention rates should be noted. Are students properly screened for this TOP; are they enrolled because of transfer needs or only for personal interest? If only for personal interest, should this TOP be offered at a fee in community/continuing education? Do other support courses need to be offered?

SUMMARY OF TOP REVIEW DATA

TOP No: 1109.00 Review Period: Fall 1981

TOP TITLE: Latin (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	170	—	—	15	—
2. Class Size	32.7	35.0	34.0	—	—	16	—
3. WSCH/FTEF (Faculty Load)	524	548	511	—	—	21	—
4. Student Grade Pattern (% Passing)	92.6%	90.4%	80.0%	—	—	13	—
5. Retention Rate (% Completion)	70.7%	72.3%	44.1%	—	—	18	—
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.123/$3.123	1.00/1.00	1.00	17	—

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: N. A.

Special Comments About TOP: Latin was only taught during one semester of the four semesters included in the study. Retention rates were poor and expenditures were high.

SUMMARY OF TOP REVIEW DATA

TOP No: 1111.00 Review Period: Fall 1981

TOP TITLE: Hebrew (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	131	190	1.45	15	21.8
2. Class Size	32.7	35.0	26.3	38.0	1.44	16	23.0
3. WSCH/FTEF (Faculty Load)	524	548	394	571	1.45	21	30.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	100.0%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	74.3%	63.2%	.85	18	15.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.326/$1.326	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 120.6

Special Comments About TOP: This TOP is small but, in Fall 1981, generally met PCC averages. Expenditures were below the PCC average, indicating that it was taught by non-contract faculty.

SUMMARY OF TOP REVIEW DATA

TOP No: 1112.00 Review Period: Fall 1981

TOP TITLE: Arabic (215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	188	225	1.20	15	18.0
2. Class Size	32.7	35.0	37.5	45.0	1.20	16	19.2
3. WSCH/FTEF (Faculty Load)	524	548	563	676	1.20	21	25.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	75.9%	76.5%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	38.7%	37.8%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.401/$1.401	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 110.1

Special Comments About TOP: Low retention rates and percent passing grades indicate this TOP may be taken for personal interest rather than for transfer. If so, should this be a fee program in community/continuing education? Arabic was taught in two of the four semesters included in this study.

SUMMARY OF TOP REVIEW DATA

TOP No: 1203.10 Review Period: Fall 1981

TOP TITLE: Nursing, R N (240)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	5,383	5,502	1.02	15	15.3
2. Class Size	32.7	35.0	17.0	16.7	.98	16	15.7
3. WSCH/FTEF (Faculty Load)	524	548	257	258	1.00	21	21.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	99.1%	99.0%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	94.0%	93.6%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$4.675/$4.675	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.0

Special Comments About TOP: This is a large TOP at PCC; 16 courses had enrollments at some time during the 4 semesters. Classes are small and expenditures high for this TOP. State Board of Nursing mandates small ratios of teachers to students. Retention rates and passing grades are excellent. Screening of students appears to be adequate.

SUMMARY OF TOP REVIEW DATA

TOP No: 1203.20 Review Period: Fall 1981

TOP TITLE: Nursing, Practical (LVN) (240)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,423	1,335	.94	15	14.1
2. Class Size	32.7	35.0	23.9	23.8	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	295	301	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	85.3%	99.1%	1.16	13	15.1
5. Retention Rate (% Completion)	70.7%	72.3%	94.0%	97.1%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.668/$3.668	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.1

Special Comments About TOP: Nine courses had enrollment during the past 4 semesters. State nursing board mandates result in low load and class size with high expenditures for instruction. Retention rates and percent passing grade rates are excellent; however, the State COPES review indicated a need for follow-up and counseling of students entering the program.

SUMMARY OF TOP REVIEW DATA

TOP No: 1203.30 Review Period: Fall 1981

TOP TITLE: Nurse Aide (240)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	103	70	.68	15	10.2
2. Class Size	32.7	35.0	10.3	7.0	.68	16	10.9
3. WSCH/FTEF (Faculty Load)	524	548	194	131	.68	21	14.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.4%	100.0%	1.04	13	13.5
5. Retention Rate (% Completion)	70.7%	72.3%	90.3%	85.7%	.95	18	17.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.510/$2.510	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 83.0

Special Comments About TOP: Nurse Aide was taught in three of the four semesters included in this study. This is a small, high cost TOP which consists of one course. Is this a necessary program to support the RN and LVN programs? Is this program available from other area sources such as the regional occupational program?

SUMMARY OF TOP REVIEW DATA

TOP No: 1203.70 Review Period: Fall 1981

TOP TITLE: Medical Assisting (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	430	356	.83	15	12.5
2. Class Size	32.7	35.0	13.9	13.2	.95	16	15.2
3. WSCH/FTEF (Faculty Load)	524	548	242	214	.88	21	18.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	98.7%	94.4%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	91.9%	89.9%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.476/$2.476	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 93.3

Special Comments About TOP: Twelve courses have been taught in this TOP during the past 4 semesters. Class size is small and faculty load is low. Retention rates are high. Expenditures for this program are about 18 percent above the PCC average. Is this small program available at other institutions in the area?

SUMMARY OF TOP REVIEW DATA

TOP No: 1204.00 Review Period: Fall 1981

TOP TITLE: Dental Profession, General (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	88	117	1.33	15	20.0
2. Class Size	32.7	35.0	14.8	19.7	1.33	16	21.3
3. WSCH/FTEF (Faculty Load)	524	548	241	320	1.33	21	27.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.3%	92.6%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	92.1%	90.0%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.918/$1.918	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 116.3

Special Comments About TOP: This TOP is comprised of 2 courses, one of which has been taught in each of the past 4 semesters. One lecture and 2 labs are offered. Enrollment in spring tends to be about half the fall enrollment. Class size and loads are low. Is this a necessary support TOP for the other dental professions TOPs?

SUMMARY OF TOP REVIEW DATA

TOP No: 1204.10 Review Period: Fall 1981

TOP TITLE: Dental Profession, Dental Assisting (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	466	417	.89	15	13.4
2. Class Size	32.7	35.0	18.0	24.0	1.33	16	21.3
3. WSCH/FTEF (Faculty Load)	524	548	327	368	1.13	21	23.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	97.4%	92.7%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	92.7%	90.1%	.97	18	17.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$6.935/$6.935	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.3

Special Comments About TOP: Costs in this TOP include the cost of a dentist during clinic. This is the highest expenditure TOP per annual contact hour at PCC. Eight courses are taught in this TOP; 3 in the fall and 5 in the spring. Current facilities limit the number of student stations. Screening for enrollment is apparently adequate and retention rates are good.

SUMMARY OF TOP REVIEW DATA

TOP No: 1204.20 Review Period: Fall 1981

TOP TITLE: Dental Profession, Dental Hygiene (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	654	644	.98	15	14.7
2. Class Size	32.7	35.0	17.4	17.4	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	314	317	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	100.0%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	99.2%	100.0%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$4.534/$4.354	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.1

Special Comments About TOP: The costs of this TOP include the cost of a dentist during clinic. Fourteen of 15 courses have been taught in this TOP over the past 4 semesters. Class size is small, loads low and expenditures high; however, retention rates and percent of students receiving passing grades are excellent. If facilities and equipment are upgraded consideration should be given to increasing stations.

SUMMARY OF TOP REVIEW DATA

TOP No: 1204.30 Review Period: Fall 1981

TOP TITLE: Dental Profession, Dental Lab Technician (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	779	640	.82	15	12.3
2. Class Size	32.7	35.0	18.7	15.3	.82	16	13.1
3. WSCH/FTEF (Faculty Load)	524	548	371	320	.86	21	18.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	99.2%	100.0%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	93.7%	100.0%	1.07	18	19.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.581/$2.581	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 92.9

Special Comments About TOP: Fifteen courses comprise this TOP; 7 are taught in the fall and 8 in the spring. Retention rates and percent passing grades are excellent even though class size is limited and loads for faculty are low. Screening for enrollment appears to be adequate.

SUMMARY OF TOP REVIEW DATA

TOP No: 1225.00 Review Period: Fall 1981

TOP TITLE: Radiological Technology, (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,080	1,140	1.06	15	15.9
2. Class Size	32.7	35.0	16.8	16.9	1.01	16	16.2
3. WSCH/FTEF (Faculty Load)	524	548	491	447	.91	21	19.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	98.6%	97.4%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	92.2%	94.2%	1.02	18	18.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.733/$1.733	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 99.5

Special Comments About TOP: Seventeen of 23 courses have been taught in this TOP during the past 4 semesters. Class size and loads are low, but retention and percent passing grade rates are very good. The State COPES review indicated a need for follow-up and administrative support in the TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 1250.10 Review Period: Fall 1981

TOP TITLE: Emergency Medical Services (240)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	260	369	1.42	15	21.3
2. Class Size	32.7	35.0	32.5	44.5	1.37	16	21.9
3. WSCH/FTEF (Faculty Load)	524	548	487	692	1.42	21	29.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.3%	88.5%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	69.2%	58.4%	.84	18	15.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.001/$2.001	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 117.5

Special Comments About TOP: In contrast to other medical and dental related TOPs, the retention rates in this TOP are poor. This appears to have changed as loads and class size increased, but follow-up and placement of students would indicate what happens to students from this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 1301.00 Review Period: Fall 1981

TOP TITLE: Home Economics (225)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	126	68	.54	15	8.1
2. Class Size	32.7	35.0	30.4	34.0	1.12	16	17.9
3. WSCH/FTEF (Faculty Load)	524	548	356	553	1.55	21	32.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	99.3%	100.0%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	84.4%	82.4%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$4.459/$4.459	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.3

Special Comments About TOP: This is a very small TOP with declining enrollment. Although 5 courses are listed in the TOP catalog only one in two sections was taught in Fall 1981. Expenditures are high for this TOP. Is this a viable TOP?

SUMMARY OF TOP REVIEW DATA

TOP No: 1303.00 Review Period: Fall 1981

TOP TITLE: Clothing & Textiles (180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,572	1,503	.96	15	14.4
2. Class Size	32.7	36.0	29.2	27.8	.95	16	15.2
3. WSCH/FTEF (Faculty Load)	524	548	519	491	.95	21	20.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.4%	89.6%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	67.9%	62.2%	.92	18	16.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.563/$1.563	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 95.8

Special Comments About TOP: Nine of 12 courses have been taught in this TOP during the past 4 semesters. Loads are below the PCC average in all courses within the TOP; however loads are not below the average for this TOP in the Presidents' Study, XI, Fall 1980. Retention rates are almost 15% below the PCC average and the program is not improving against itself. The State COPES review indicated a need for improvement of labor market data, community need data, follow-up, job placement, agency coordination and advisory committee input into the program.

SUMMARY OF TOP REVIEW DATA

TOP No: 1306.00 Review Period: Fall 1981

TOP TITLE: Foods & Nutrition (Dietetic Technician) (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	488	609	1.25	15	18.8
2. Class Size	32.7	35.0	20.6	21.3	1.03	16	16.5
3. WSCH/FTEF (Faculty Load)	524	548	733	795	1.08	21	22.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.1%	91.8%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	73.6%	71.8%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.945/$0.945	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 105.9

Special Comments About TOP: This TOP is actually Dietetic Technician and should be renamed and re-classified if necessary.

SUMMARY OF TOP REVIEW DATA

TOP No: 1401.00 Review Period: Fall 1981

TOP TITLE: Law, General (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,336	2,427	1.04	15	15.6
2. Class Size	32.7	35.0	39.9	40.5	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	599	607	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.2%	91.0%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	74.3%	76.8%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.538/$1.538	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.3

Special Comments About TOP: This TOP compares favorably with PCC averages for all factors.

SUMMARY OF TOP REVIEW DATA

TOP No: 1401.10 Review Period: Fall 1981

TOP TITLE: Law, Legal Assistant (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,605	1,588	.99	15	14.9
2. Class Size	32.7	35.0	33.8	38.6	1.14	16	18.2
3. WSCH/FTEF (Faculty Load)	524	548	507	581	1.15	21	24.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.1%	89.4%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	69.8%	66.7%	.96	18	17.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.454/$1.454	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.2

Special Comments About TOP: Generally, this TOP compares favorably with PCC averages.

SUMMARY OF TOP REVIEW DATA

TOP No: 1501.00 Review Period: Fall 1981

TOP TITLE: English (205 - 200,190,185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	18,776	21,501	1.15	15	17.3
2. Class Size	32.7	36.0	31.2	31.8	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	468	485	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.0%	91.5%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	70.2%	73.9%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.133/$2.133	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.0

Special Comments About TOP: Basic reading and writing skills and English as a Second Language courses are currently being moved to their own TOPs. During this study they were included in this TOP. This TOP is the largest TOP in terms of WSCH at PCC. Although WSCH/FTEF load in English is below the PCC average it is above the average in the Presidents' Study, XI, Fall 1980 (413). Of 57 possible courses, 47 had active enrollments sometime during the 4 semesters and 35 were active in Fall 1981. Courses with less than 400 WSCH/FTEF were English 413, 422, 113, 46A, 44A, 33A, 33B 25C, 10, 8 and 6.

SUMMARY OF TOP REVIEW DATA

TOP No: 1506.00 Review Period: Fall 1981

TOP TITLE: Speech, Debate, Forensics (190)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,325	3,801	1.14	15	17.1
2. Class Size	32.7	35.0	30.3	32.2	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	450	484	1.08	21	22.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.1%	90.2%	.97	13	12.6
5. Retention Rate (% Completion)	70.7%	72.3%	78.0%	77.9%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.296/$2.296	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.4

Special Comments About TOP: Speech 118 (Intro to Speech Pathology) and Speech 120 (Speech Clinic) were included in this TOP during this study. They are in process of being moved to other TOPs.

Faculty loads were about 10 percent below the PCC average.

SUMMARY OF TOP REVIEW DATA

TOP No: 1509.00 Review Period: Fall 1981

TOP TITLE: Philosophy (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,873	2,016	1.08	15	16.2
2. Class Size	32.7	35.0	41.8	42.4	1.01	16	16.2
3. WSCH/FTEF (Faculty Load)	524	548	624	630	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	91.2%	86.4%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	66.5%	70.4%	1.06	18	19.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.268/$2.268	— / —	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.1

Special Comments About TOP: Retention rates in Philosophy 30 for Fall 1981 were 59.9%.

SUMMARY OF TOP REVIEW DATA

TOP No: 1510.00 Review Period: Fall 1981

TOP TITLE: Religious Studies (260-205)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	948	960	1.01	15	15.2
2. Class Size	32.7	35.0	35.1	35.6	1.01	16	16.2
3. WSCH/FTEF (Faculty Load)	524	548	527	533	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.1%	90.7%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	69.4%	70.3%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.005/$2.005	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.2

Special Comments About TOP: This TOP is divided between two departments. Should the courses in this TOP be realigned? The courses in literature carry smaller WSCH/FTEF loads (less than 400) than do those in social science.

SUMMARY OF TOP REVIEW DATA

TOP No: 1601.00 Review Period: Fall 1981

TOP TITLE: Library Science (205)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	98	66	.67	15	10.1
2. Class Size	32.7	35.0	40.3	33.0	.82	16	13.1
3. WSCH/FTEF (Faculty Load)	524	548	528	500	.95	21	20.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.4%	72.4%	.78	13	10.1
5. Retention Rate (% Completion)	70.7%	72.3%	72.2%	87.9%	1.22	18	22.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.796/$1.796	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 92.3

Special Comments About TOP: This is a very small TOP. Are completers placed?

SUMMARY OF TOP REVIEW DATA

TOP No: 1701.00 Review Period: Fall 1981

TOP TITLE: Mathematics (230)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE - Base Data	TOP PERFORMANCE - Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	11,183	11,829	1.06	15	15.9
2. Class Size	32.7	35.0	35.5	35.5	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	637	627	.98	21	20.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.8%	88.8%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	78.6%	79.4%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.819/$1.819	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.2

Special Comments About TOP: Developmental Math (Arithmetic) has been moved to TOP 4930.61 for students who need to improve their computational skills. During this review the computational skills courses were included in this TOP.

This is the third largest TOP in terms of WSCH at PCC. It appears to be a sound program based on the factors indicated above. Retention rates in Fall 1981 were low for Math 3, 4A, 135 and 139 resulting in ending classes of less than 20.

SUMMARY OF TOP REVIEW DATA

TOP No: 1701.10 Review Period: Fall 1981

TOP TITLE: Math for Non-Majors (185-200,260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,570	3,882	1.09	15	16.4
2. Class Size	32.7	35.0	38.1	40.6	1.07	16	17.1
3. WSCH/FTEF (Faculty Load)	524	548	565	600	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.9%	93.8%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	69.2%	72.7%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.100/$2.100	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.6

Special Comments About TOP: The name of this TOP does not reflect its content. The TOP is comprised of some business math courses, technical math courses and some statistical courses. Based on the above factors, the program is above PCC averages; however in Fall 1981, Business 114 had a retention rate of 57.5%.

SUMMARY OF TOP REVIEW DATA

TOP No: 1901.00 Review Period: Fall 1981

TOP TITLE: Physical Sciences (255)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	244	—	—	15	—
2. Class Size	32.7	35.0	61.0	—	—	16	—
3. WSCH/FTEF (Faculty Load)	524	548	915	—	—	21	—
4. Student Grade Pattern (% Passing)	92.6%	90.4%	98.6%	—	—	13	—
5. Retention Rate (% Completion)	70.7%	72.3%	57.0%	—	—	18	—

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	—	— /$0.963	— / —	1.00	17	—

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: N.A.

Special Comments About TOP: This TOP is comprised of one course. It was offered three of four semesters; offered as a TV course in Fall 1980. Although retention rates improved in Spring 1981, generally, retention rates fell below 60 percent. Is this a viable TOP?

SUMMARY OF TOP REVIEW DATA

TOP No: 1902.00 Review Period: Fall 1981

TOP TITLE: Physics, General (255)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,991	2,097	1.05	15	15.8
2. Class Size	32.7	35.0	37.3	38.9	1.04	16	16.6
3. WSCH/FTEF (Faculty Load)	524	548	620	676	1.09	21	22.9
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.2%	96.8%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	78.5%	76.7%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.343/$2.343	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.0

Special Comments About TOP: Expenditures expressed here are reduced to reflect summer sessions. This may understate expenditures during the regular academic year; however expenditures do not reflect offsetting lab fees that were collected. This would not significantly reduce the per contact hour expenditures.

The retention rate in Physics 2A was low (57.5%) in Fall 1981. Physics 31A was a small class with an ending enrollment of 7.

SUMMARY OF TOP REVIEW DATA

TOP No: 1905.00 Review Period: Fall 1981

TOP TITLE: Chemistry, General (255 -200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	6,177	6,254	1.01	15	15.2
2. Class Size	32.7	35.0	32.8	32.8	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	551	560	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	89.4%	85.2%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	65.1%	64.8%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.572/$2.572	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.0

Special Comments About TOP: See the comment on the summary sheet for Physics regarding summer session expenditures. Over $16,000 in lab fees were collected to offset expenditures in this program in 1980-81. These are not reflected above; if they were abated, expenditure per annual contact hour would be reduced by less than 10 cents.

Of 16 courses offered in this TOP all have been taught at least once during the past 4 semesters. Retention rates for Chemistry 1A, 1B, 2 and 2A were low in Fall 1981 and 2B was dropped.

SUMMARY OF TOP REVIEW DATA

TOP No: 1911.00 Review Period: Fall 1981

TOP TITLE: Astronomy (230)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	272	249	.92	15	13.8
2. Class Size	32.7	35.0	32.5	41.5	1.28	16	20.5
3. WSCH/FTEF (Faculty Load)	524	548	495	623	1.26	21	26.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	87.5%	83.3%	.95	13	12.4
5. Retention Rate (% Completion)	70.7%	72.3%	44.3%	50.6%	1.14	18	20.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.958 /$1.958	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 110.7

Special Comments About TOP: Although 5 courses are listed in the TOP catalog for this TOP, only one course in 2 sections was taught in Fall 1981. Retention rates were very low (50.6%). Based on WSCH, passing grades, and retention, should this TOP be reorganized?

SUMMARY OF TOP REVIEW DATA

TOP No: 1914.00 Review Period: Fall 1981

TOP TITLE: Geology (255)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,016	2,041	1.01	15	15.2
2. Class Size	32.7	35.0	34.1	37.3	1.09	16	17.4
3. WSCH/FTEF (Faculty Load)	524	548	529	567	1.07	21	22.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	90.8%	87.3%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	74.1%	78.1%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.782 /$2.782	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.5

Special Comments About TOP: Expenditures were above the PCC average for this TOP. Even though fees are collected for labs, these fees if used to offset expenditures would only reduce expenditures by less than 4 cents per annual contact hour. Fifteen courses have had enrollments during the past 4 semesters; 8 had enrollments in Fall 1981. Geology 3F, 6 and 30 had low loads (WSCH/FTEF). Retention rates in Geology 6 were also low.

SUMMARY OF TOP REVIEW DATA

TOP No: 2001.00 Review Period: Fall 1981

TOP TITLE: Psychology (260 -200,185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	7,118	7,591	1.07	15	16.1
2. Class Size	32.7	35.0	43.3	44.4	1.03	16	16.5
3. WSCH/FTEF (Faculty Load)	524	548	644	657	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.0%	90.4%	93.2%	92.1%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	75.0%	77.3%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.721 /$1.721	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.4

Special Comments About TOP: This TOP was the fifth largest program in terms of WSCH generated in Fall 1981.

SUMMARY OF TOP REVIEW DATA

TOP No: 2102.00 Review Period: Fall 1981

TOP TITLE: Public Administration (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	152	171	1.13	15	17.0
2. Class Size	32.7	35.0	50.8	57.0	1.12	16	17.9
3. W3CH/FTEF (Faculty Load)	524	548	761	855	1.12	21	23.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	96.4%	97.4%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	68.0%	66.7%	.98	18	17.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.397 /$0.397	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.1

Special Comments About TOP: This is a very small TOP which lists 3 courses but only teaches one in one section each semester. Is this really a program? Do students feed into other programs?

SUMMARY OF TOP REVIEW DATA

TOP No: 2103.00 Review Period: Fall 1981

TOP TITLE: Parks & Recreation Management (245)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	214	199	.93	15	14.0
2. Class Size	32.7	35.0	24.5	27.0	1.10	16	17.6
3. WSCH/FTEF (Faculty Load)	524	548	378	427	1.13	21	23.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.3%	81.5%	.87	13	11.3
5. Retention Rate (% Completion)	70.7%	72.3%	69.4%	80.2%	1.16	18	20.9

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$5.011 /$5.011	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 104.5

Special Comments About TOP: This TOP had the second highest expenditures per annual contact hour in 1980-1981. Even though several courses are taught on alternate semesters, WSCH, class size, load and passing grades fall below the PCC averages. Expenditures are 2-1/3 times higher than the PCC average. No follow-up or placement data were available from the PCC vocational education office.

SUMMARY OF TOP REVIEW DATA

TOP No: 2105.00 Review Period: Fall 1981

TOP TITLE: Administration of Justice (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	848	813	.96	15	14.4
2. Class Size	32.7	35.0	28.4	30.1	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	433	452	1.04	21	21.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	86.9%	87.8%	1.01	13	13.1
5. Retention Rate (% Completion)	70.7%	72.3%	64.9%	66.4%	1.02	18	18.4
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.320 /$3.320	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.7

Special Comments About TOP: Of 22 courses listed in the TOP catalog, only 5 were taught in Fall 1981. Retention rates were below the PCC average and were below 60% for Ad Jus 10. Expenditures were over 50% above the PCC average. Although class size and load were below the PCC averages, load was not below loads of the Presidents' Study, XI, Fall 1980 (397). This TOP needs data on placement and follow-up to determine if the program needs reorganization.

SUMMARY OF TOP REVIEW DATA

TOP No: 2107.10 Review Period: Fall 1981

TOP TITLE: Early Childhood Education Aide (260 -180,190,23%)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,129	1,246	1.10	15	16.5
2. Class Size	32.7	35.0	31.9	34.8	1.09	16	17.4
3. WSCH/FTEF (Faculty Load)	524	548	502	542	1.08	21	22.7
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.5%	97.7%	1.02	13	13.3
5. Retention Rate (% Completion)	70.7%	72.3%	67.1%	72.5%	1.08	18	19.4

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.938 /$1.938	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.3

Special Comments About TOP: Even though all factors appear to be operating near or above PCC averages the State COPES review indicated a need for greater coordination with outside agencies and follow-up of students.

SUMMARY OF TOP REVIEW DATA

TOP No: 2107.70 Review Period: Fall 1981

TOP TITLE: Guidance (218)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data*	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	54	54	1.00	16	16.0
2. Class Size	32.7	36.0	18.0	18.0	1.00	16	16.0
3. WSCH/FTEF (Faculty Load)	524	548	270	270	1.00	21	21.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	100.0%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	55.6%	55.6%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2,095	$2,095	-- /--	-- / --	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 100.0

Special Comments About TOP: Fall 1981 was the first semester this program was offered.

SUMMARY OF TOP REVIEW DATA

TOP No: 2133.10 Review Period: Fall 1981

TOP TITLE: Fire Control Tech. (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	637	767	1.20	15	18.0
2. Class Size	32.7	36.0	33.2	44.8	1.35	16	21.6
3. WSCH/FTEF (Faculty Load)	524	548	477	677	1.42	21	29.8
4. Student Grade Pattern (% Passing)	92.6%	90.4%	85.3%	84.5%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	71.0%	69.5%	.98	18	17.6

			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2,096	$2,096	$1,067 /$1,067	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 116.9

Special Comments About TOP: FIRE 148 was a small class (22) with poor retention (10). Less than half the students completed. Follow-up data and placement need to be obtained.

SUMMARY OF TOP REVIEW DATA

TOP No: 2201.00 Review Period: Fall 1981

TOP TITLE: Social Science, General (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,969	2,114	1,790	1,143	.64	16	9.6
2. Class Size	32.7	35.0	44.2	42.3	.96	16	15.4
3. WSCH/FTEF (Faculty Load)	524	548	663	635	.96	21	20.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.5%	89.3%	.96	13	12.5
5. Retention Rate (% Completion)	70.7%	72.3%	69.9%	66.1%	.95	18	17.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2,096	$2,096	$2,216 /$2,216	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 91.8

Special Comments About TOP: In Spring 1980 one course American Institutions 5 was taught. In each of the three other semesters one course American Institutions 125 was taught. The change in courses appears to have restructured enrollment patterns so that previous enrollments in American Institutions are now switching to the Political Science program as that program increased as this one decreased.

SUMMARY OF TOP REVIEW DATA

TOP No: 2202.00 Review Period: Fall 1981

TOP TITLE: Anthropology (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	696	774	1.11	15	16.7
2. Class Size	32.7	35.0	31.1	37.1	1.19	16	19.0
3. WSCH/FTEF (Faculty Load)	524	548	472	553	1.17	21	24.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.6%	94.9%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	79.1%	75.8%	.96	18	17.3
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.206 /$3.206	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 107.6

Special Comments About TOP: Even though class size, load, grade patterns and retention rates were above the PCC averages, expenditures were high—over 50% above the PCC average for annual contact hours. This would appear to be explained in the different base year for expenditures, 1980-81.

SUMMARY OF TOP REVIEW DATA

TOP No: 2202.11 Review Period: Fall 1981

TOP TITLE: Anthropology, Afro Culture (260 -205,235)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,003	1,221	1.22	15	18.3
2. Class Size	32.7	35.0	38.5	45.2	1.17	16	18.7
3. WSCH/FTEF (Faculty Load)	524	548	581	678	1.17	21	24.6
4. Student Grade Pattern (% Passing)	92.6%	90.4%	84.0%	86.1%	1.03	13	13.4
5. Retention Rate (% Completion)	70.7%	72.3%	73.2%	72.5%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.029 /$2.029	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 109.8

Special Comments About TOP: WSCH in Fall 1981 increased by 20 percent over the 4 semester average for this TOP and by over 60 percent from Spring 1980.

SUMMARY OF TOP REVIEW DATA

TOP No: 2202.12 Review Period: Fall 1981

TOP TITLE: Anthropology, Asian Culture (260 -180)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	248	333	1.34	15	20.1
2. Class Size	32.7	35.0	27.6	27.8	1.01	16	16.2
3. WSCH/FTEF (Faculty Load)	524	548	414	416	1.00	21	21.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.8%	96.7%	1.03	13	13.4
5. Retention Rate (% Completion)	70.7%	72.3%	76.4%	82.9%	1.09	18	19.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$0.807 /$0.807	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 107.3

Special Comments About TOP: This TOP has increased WSCH, but loads in various classes are uneven, ranging from 285 in Art 3A to 630 in History 41. Expenditures are low and probably reflect part-time faculty.

SUMMARY OF TOP REVIEW DATA

TOP No: 2202.14 Review Period: Fall 1981

TOP TITLE: Anthropology, Mexican Culture (260 - 180,215)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	245	360	1.47	15	22.1
2. Class Size	32.7	35.0	29.7	30.0	1.01	16	16.2
3. WSCH/FTEF (Faculty Load)	524	548	446	450	1.01	21	21.2
4. Student Grade Pattern (% Passing)	92.6%	90.4%	86.6%	85.3%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	79.8%	79.2%	.99	18	17.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.172 /$3.172	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 107.0

Special Comments About TOP: Three of 8 courses were taught in FAll 1981. Loads were uneven, high in Sociology 31 and low in History 31. Expenditures were over 50 percent above the PCC average. Does this program suffer from a lack of coordination?

SUMMARY OF TOP REVIEW DATA

TOP No: 2204.00 Review Period: Fall 1981

TOP TITLE: Economics (260 - 185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,570	2,754	1.07	15	16.1
2. Class Size	32.7	35.0	45.1	45.9	1.02	16	16.3
3. WSCH/FTEF (Faculty Load)	524	548	676	689	1.02	21	21.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.2%	92.8%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	70.8%	72.9%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1,588 /$1.588	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.2

Special Comments About TOP: Based on the above factors, this program is operating at or above PCC averages (below for expenditures).

SUMMARY OF TOP REVIEW DATA

TOP No: 2205.00 Review Period: Fall 1981

TOP TITLE: History (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	4,784	5,964	1.25	15	18.8
2. Class Size	32.7	35.0	41.7	44.2	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	625	663	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.1%	90.6%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	75.1%	75.9%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.852 /$1.852	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.0

Special Comments About TOP: This is a large and growing TOP. It is operating at or above PCC averages (below for expenditures). History 3C had low enrollments and low retention. Less than half the students enrolling in the TV course History 7A remained until completion.

SUMMARY OF TOP REVIEW DATA

TOP No: 2206.00 Review Period: Fall 1981

TOP TITLE: Geography (185)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	1,292	1,254	.97	15	14.6
2. Class Size	32.7	35.0	38.3	34.8	.91	16	14.6
3. WSCH/FTEF (Faculty Load)	524	548	574	523	.91	21	19.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	89.9%	89.4%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	67.7%	74.4%	1.10	18	19.8
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.435 /$1.435	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 98.0

Special Comments About TOP: Load (WSCH/FTEF) and class size were down from previous averages in this TOP. Load in Geography 2 was below 400. Enrollment in the TV course in Fall 1981 was less than half than the TV course enrollment in Spring 1981. Retention in the TV course was 60 percent in Fall 1981. Geography is offered in the Business Department as a result of an earlier assignment.

SUMMARY OF TOP REVIEW DATA

TOP No: 2207.00 Review Period: Fall 1981

TOP TITLE: Political Science (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,226	2,883	1.30	15	19.5
2. Class Size	32.7	35.0	49.5	48.1	.97	16	15.5
3. WSCH/FTEF (Faculty Load)	524	548	707	686	.97	21	20.4
4. Student Grade Pattern (% Passing)	92.6%	90.4%	94.8%	92.8%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	70.5%	72.3%	1.03	18	18.5
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.781 /$1.781	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.6

Special Comments About TOP: A growing TOP comprised of 5 courses. All factors compare favorably with the PCC averages; however, ending enrollments in Pol.Sci. 2 6, and 7 have retention rates of less than 65 percent.

SUMMARY OF TOP REVIEW DATA

TOP No: 2208.00 Review Period: Fall 1981

TOP TITLE: Sociology (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	2,045	2,092	1.02	15	15.3
2. Class Size	32.7	35.0	38.5	41.1	1.07	16	17.1
3. WSCH/FTEF (Faculty Load)	524	548	576	615	1.07	21	22.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	95.2%	92.9%	.98	13	12.7
5. Retention Rate (% Completion)	70.7%	72.3%	65.7%	66.5%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.522 /$2.522	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 102.8

Special Comments About TOP: This TOP was 20 percent above the PCC average for expenditures for annual contact hours. Retention in Sociology 124 was low (50.0%) in Fall 1981. The TV course, Sociology 24 had a retention rate of 53.7% in Fall 1981.

SUMMARY OF TOP REVIEW DATA

TOP No: 3002.00 Review Period: Fall 1981

TOP TITLE: Food Service Tech. (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	568	566	1.00	15	15.0
2. Class Size	32.7	35.0	20.7	21.5	1.04	16	16.6
3. WSCH/FTEF (Faculty Load)	524	548	407	427	1.05	21	22.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	79.6%	89.7%	1.13	13	14.7
5. Retention Rate (% Completion)	70.7%	72.3%	89.8%	90.7%	1.01	18	18.2
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.170 /$2.170	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 103.6

Special Comments About TOP: Follow-up data for this TOP were not available. Although load was below the PCC average, it was not below the average in the Presidents' Study, XI, Fall 1980 (352). Placement data are needed for this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 3007.00 Review Period: Fall 1981

TOP TITLE: Cosmetology (178)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	4,030	3,840	.95	15	14.3
2. Class Size	32.7	35.0	66.6	64.0	.96	16	15.4
3. WSCH/FTEF (Faculty Load)	524	548	611	582	.95	21	20.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	99.0%	99.2%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	73.3%	67.2%	.92	18	16.6
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.957/$1.957	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 96.3

Special Comments About TOP: No follow-up or placement data were available from the vocational education office at PCC. Factors from this TOP compare favorably to PCC averages. The retention rate for Cosmetology 114E was very low.

SUMMARY OF TOP REVIEW DATA

TOP No: 4903.00 Review Period: Fall 1981

TOP TITLE: Humanities (260)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	687	1,038	1.51	15	22.7
2. Class Size	32.7	35.0	91.6	115.3	1.26	16	20.2
3. WSCH/FTEF (Faculty Load)	524	548	981	1,038	1.06	21	22.3
4. Student Grade Pattern (% Passing)	92.6%	90.4%	93.0%	86.2%	.93	13	12.1
5. Retention Rate (% Completion)	70.7%	72.3%	64.2%	60.7%	.95	18	17.1
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.637/$1.637	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 111.4

Special Comments About TOP: Courses in this TOPS are team taught with an interdisciplinary team from several departments. Only half the students who enroll in the TV course in Humanities 3 complete. Humanities is currently in the Social Science department and offered 3 of 5 courses in the Fall 1981. One of the courses was a TV course and the other 2 courses were taught concurrently. Thus, it appears students may have limited variety in a humanities program at PCC.

SUMMARY OF TOP REVIEW DATA

TOP No: 4930.20 Review Period: Fall 1981

TOP TITLE: General Studies, (218)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	562	616	1.10	15	16.5
2. Class Size	32.7	35.0	24.1	25.5	1.06	16	17.0
3. WSCH/FTEF (Faculty Load)	524	548	410	452	1.10	21	23.1
4. Student Grade Pattern (% Passing)	92.6%	90.4%	85.1%	84.0%	.99	13	12.9
5. Retention Rate (% Completion)	70.7%	72.3%	59.0%	48.8%	.83	18	14.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.094	$0.931/$0.931	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 101.4

Special Comments About TOP: This TOP has been restructured so that developmental courses from Math, English and Communications will appear in this TOP in the future. These developmental courses are included in the TOPS to which they were assigned during 1980 for this study. The TOP as recorded here is comprised of guidance courses. Student enrollment appears to fluctuate in these courses and few stay for the full time. Expenditures are low for this TOP.

SUMMARY OF TOP REVIEW DATA

TOP No: 4931.00 Review Period: Fall 1981

TOP TITLE: General Work Experience (Cooperative Education) (195- 185,200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	3,752	2,945	.78	15	11.7
2. Class Size	32.7	35.0	26.3	24.9	.95	16	15.2
3. WSCH/FTEF (Faculty Load)	524	548	395	375	.95	21	20.0
4. Student Grade Pattern (% Passing)	92.6%	90.4%	85.7%	80.2%	.94	13	12.2
5. Retention Rate (% Completion)	70.7%	72.3%	60.1%	63.1%	1.05	18	18.9
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$2.288/$2.288	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 95.0

Special Comments About TOP: WSCH in this TOP is down almost 25%; loads among courses varied from 165 to 840. Retention rates in the Co-op courses tended to be low; however, Marketing 128, Co-op 23 and 104, and Foods 158 had good retention rates. Based on data shown and on comments received from the faculty survey this TOP needs to be examined for possible redesign.

SUMMARY OF TOP REVIEW DATA

TOP No: 5340.00 Review Period: Fall 1981

TOP TITLE: Metal Trades, Apprenticeship (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	174	--	--	15	--
2. Class Size	32.7	35.0	29.0	--	--	16	--
3. WSCH/FTEF (Faculty Load)	524	548	535	--	--	21	--
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	--	--	13	--
5. Retention Rate (% Completion)	70.7%	72.3%	95.4%	--	--	18	--
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.077/$1.077	1.00/1.00	1.00	17	--

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: N.A.

Special Comments About TOP: This TOPS was not taught in Fall 1981 but was for three semesters. Costs reflect the 1980-81 year.

SUMMARY OF TOP REVIEW DATA

TOP No: 5345.00 Review Period: Fall 1981

TOP TITLE: Auto Mechanics, Apprenticeship (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	66	--	--	15	--
2. Class Size	32.7	35.0	22.0	--	--	16	--
3. WSCH/FTEF (Faculty Load)	524	548	330	--	--	21	--
4. Student Grade Pattern (% Passing)	92.6%	90.4%	100.0%	--	--	13	--
5. Retention Rate (% Completion)	70.7%	72.3%	40.9%	--	--	18	--
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$3.805/$3.805	1.00/1.00	1.00	17	--

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: N.A.

Special Comments About TOP: This TOPS was only taught once during the study time period. Costs for this TOP reflect 1980-1981 instructional costs. Class size, load, and retention was low.

SUMMARY OF TOP REVIEW DATA

TOP No: 5349.30 Review Period: Fall 1981

TOP TITLE: Meat Cutter, Apprenticeship (200)

REVIEW FACTOR	COLLEGE PERFORMANCE Base Data	COLLEGE PERFORMANCE Current	TOP PERFORMANCE Base Data	TOP PERFORMANCE Current Data	Raw Score X	Assigned Weight =	Weighted VALUE
1. WSCH Trend	1,959	2,114	172	192	1.12	15	16.8
2. Class Size	32.7	35.0	21.5	24.0	1.12	16	17.9
3. WSCH/FTEF (Faculty Load)	524	548	398	444	1.12	21	23.5
4. Student Grade Pattern (% Passing)	92.6%	90.4%	92.5%	92.7%	1.00	13	13.0
5. Retention Rate (% Completion)	70.7%	72.3%	85.5%	86.4%	1.00	18	18.0
			Current/ Data Base	Raw Score College/TOP	Adjusted Value		
6. Assigned Costs of Instruction per Annual Contact Hour	$2.095	$2.095	$1.475/$1.475	1.00/1.00	1.00	17	17.0

COLLEGE AVERAGE RATING SCORE: 103.5 COMPOSITE TOP WEIGHTED VALUE SCORE: 106.2

Special Comments About TOP: This is an apprenticeship TOP and is not open to students other than apprentices.

Appendix A

PASADENA CITY COLLEGE SOURCES OF DATA USED FOR PROGRAM REVIEW

PASADENA CITY COLLEGE SOURCES OF DATA USED FOR PROGRAM REVIEW

CREDIT CATALOG: Printout DIRP 13, Credit Catalog-8180, run 11-26-81
8090 7- 7-81

Master Course Offering - Catalog File, 12-22-81

SCHEDULE OF CLASSES: Credit & Non-Credit Classes, 7990 (Spring 80)
8080 (Fall 80)
8090 (Spring 81)
8180 (Fall 81)

PRINTOUTS OF DATA: DI 107U, WCH & FTE by TOPS-7990, run 11-20-81
8080, run 11-18-81
8090, run 11-18-81
8180, run 11-17-81

SPRP 19, Class Schedule Status-Credit
1st Census, 7990, run 2-22-80
2nd Census, 7990, run 4-15-80
End Counts, 7990, run 6- 5-80
SPRP 19
1st Census, 8080, run 9-27-80
2nd Census, 8080, run 11-15-80
End Counts, 8080, run 1-16-81
SPRP 19
1st Census, 8090, run 2-20-81
2nd Census, 8090, run 4-16-81
End Counts, 8090, run 6- 5-81
SPRP 19
1st Census, 8180, run 10- 2-81
2nd Census, 8180, run 12- 4-81
End Counts, 8180, run 1-27-82

GRADE DISTRIBUTION: Printout OT 8202, Grade Distribution Report
7990, run 2- 3-82
8080, run 2-22-82
8090, run 2-23-82
8180, run 3-25-82

BULLETIN: BULLETIN OF PASADENA CITY COLLEGE, April 1981, April 1982

FIFTH YEAR REPORT: Institutional Self-Study Report for The Accrediting Commission for Community and Junior Coleges, Western Association of Schools and Colleges, November 1980

PRESIDENTS' STUDY: California Community College Presidents' Study: WSCH, FTE Teaching Load Percentages, Trends, Resource Book XI, 1981

Appendix B

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE
TO THE COLLEGE AVERAGE, FALL 1981

Table 3

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE TO THE COLLEGE AVERAGE, FALL 1981

TOPS NO.	NAME OF TOPS	(1) WSCH PCC AVG. 2,114	(2) CLASS SIZE PCC MEDIAN 35.0	(3) WSCH/FTEF PCC AVG. 548	(4) GRADES PCC AVG. 90.4%	(5) RETENTION PCC AVG. 72.3%	(6) 80-81 EXPEND. Per Annual CH $2.095	(7) COMPOSITE PCC SCORE 103.5	
0114.00	FORESTRY	285	47.5 !	713 !	89.3%	58.9% ..	$1.293 !	110.9	
0201.00	ENVIRON DESIGN	1,252	31.9	545	95.9	76.7	2.713 ...	105.3	
0201.10	ENV DESIGN ARCH	674	30.3 .	522	94.9	81.8	1.795	96.1	●
0203.00	INTERIOR DESIGN	198	33.0	595	88.5	78.8	1.638 !	109.8	
0401.00	NAT'L LIFE SCIENCE	5,516	37.3	599	92.5	79.6	2.685 ...	102.0	
0410.00	PHYSIOLOGY	3,695	36.2	579	91.4	67.4	2.168	104.2	
0501.00	BUS & COMM, GNL	1,395	52.6 !	722 !	93.4	65.1 .	2.147	102.1	
0502.00	ACCOUNTING	6,350	47.0 !	706 !	92.6	67.4	1.851	103.9	
0504.00	BANKING & FINANCE	1,242	46.0 !	690 !	82.5	51.0 ...	0.882 !	106.4	
0506.00	BUS MANAGEMENT	1,281	42.7 !	641	90.2	59.7 ..	1.611 !	106.1	
0506.30	BUS MGMT-MGMT DEV	570	31.7	475 .	95.4	68.9	2.070	108.0	
0506.50	BUS MGMT-REC & TOUR	1,377	45.9 !	689 !	80.2 .	56.2 ...	0.668 !	109.0	
0509.10	MARKETING & DIST	1,440	35.1	601	91.9	70.1	1.503 !	99.6	●
0509.20	MKT & DIST-PURCHAS	540	45.0 !	675 !	82.9	77.8	0.804 !	122.7	
0509.50	MKT & DIST-MERCHAND	1,016	41.8	649	94.4	63.8 .	1.869	103.9	
0511.00	REAL ESTATE	1,599	38.1	571	85.4	57.8 ...	0.907 !	94.2	●
0512.00	INSURANCE	135	22.5 ...	338 ...	100.0	60.0 ..	0.381 !	100.5	
0514.00	SECTY STUDIES, GNL	2,017	33.7	577	92.1	63.5 .	1.618 !	104.0	
0514.60	SECTY ST, TYPING	3,524	37.3	699 !	90.7	67.8	1.611 !	106.1	

For columns 2 through 6 the following key is used:(.) 10-15% below PCC average performance (above for expenditures); (..) 15.1%-20% below PCC average performance (above for expenditures); (...) over 20% below PCC average performance (above for expenditures). Column 7 indicates a numerical value for a given TOPS in which a score above 100.0 indicates the individual TOP is performing at a more efficient rate in Fall 1981 than it had for the past four semesters when compared against itself. An (●) in the column indicates a score of 100.0 or less. An (!) indicates the TOP is over 20% above (below for expenditures) the PCC average for the factor indicated in that column.

Table 3, Continued

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE TO THE COLLEGE AVERAGE, FALL 1981

TOPS NO.	NAME OF TOPS	(1) WSCH PCC AVG. 2,114	(2) CLASS SIZE PCC MEDIAN 35.0	(3) WSCH/FTEF PCC AVG. 548	(4) GRADES PCC AVG. 90.4%	(5) RETENTION PCC AVG. 72.3%	(6) 80-81 EXPEND. PER ANNUAL CH $2.095	(7) COMPOSITE PCC SCORE 103.5
0599.20	TAX STUDIES	249	27.7 ...	415 ...	71.2% ...	62.7% .	$0.620 !	94.2 •
0601.00	COMMUNICATIONS, GNL	606	101.0 !	1,010 !	90.4	93.1 !	1.365 !	117.0
0602.00	JOURNALISM	1,076	28.7 ..	338 ...	92.8	69.9	3.294 ...	103.6
0603.00	RADIO/TELEVISION	3,310	22.7 ...	411 ...	87.8	81.7	2.314 .	102.4
0701.00	COMPUTER & INFO SCI	8,966	44.2 !	664 !	89.1	69.9	1.193 !	105.4
0808.20	SPEC ED, SERV AIDE	975	25.6 ...	386 ...	89.4	62.9 .	1.231 !	101.7
0835.00	PHYSICAL EDUCATION	21,038	34.9	681 !	92.3	72.6	1.979	103.7
0837.00	HEALTH EDUCATION	2,688	52.4 !	792 !	95.1	82.0	1.779	103.8
0839.00	INDUSTRIAL ARTS	544	27.2 ...	504	76.1 ..	64.7 .	1.939	104.9
0901.00	ENGINEERING, GNL	261	27.0 ...	461 ..	95.1	75.9	2.906 ...	100.3
0925.00	GENERAL ENG TECH	1,674	27.9 ...	507	89.6	72.0	1.693	103.5
0934.20	ELEC TECH, ELECTRN	1,621	28.2 ..	489 .	95.4	69.1	1.914	102.4
0934.40	ELEC TECH, ELECTRY	1,140	62.0 !	964 !	79.5 .	66.9	1.525 !	107.2
0934.80	ELEC TECH, LASER	1,437	35.8	564	81.3 .	70.4	1.514 !	97.6 •
0936.00	PRINTING & LITHO	3,629	24.3 ...	483 .	85.5	73.4	1.905	105.7
0945.11	MECH TECH AIR CON	712	44.5 !	890 !	71.9 ..	82.0	0.948 !	103.7
0948.10	AUTO TECH MECHANIC	2,169	34.1	472 .	87.6	80.4	2.345 .	103.5
0948.30	AUTO TECH MTR CYCL	1,250	44.0 !	615	90.8	73.9	1.943	113.5
0950.30	AERO & AVIAT TECH	676	41.0	676 !	69.4 ...	67.7	2.038	101.5
0952.00	CONSTR CRFTS TECH	2,116	36.8	622	97.5	85.9	1.967	109.7
0952.30	CONSTR, PLUMBING	162	54.0 !	810 !	92.3	48.1 ...	1.090 !	105.9
0953.00	DRAFTING TECH	2,604	25.9 ...	465 ..	89.7	75.8	2.906 ...	107.8
0956.00	INDUS TECH, GNL	154	37.0	770 !	94.6	100.0 !	2.032	91.8 •

Table 3, Continued

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE TO THE COLLEGE AVERAGE, FALL 1981

TOPS NO.	NAME OF TOPS	(1) WSCH PCC AVG. 2,114	(2) CLASS SIZE PCC MEDIAN 35.0	(3) WSCH/FTEF PCC AVG. 548	(4) GRADES PCC AVG. 90.4%	(5) RETENTION PCC AVG. 72.3%	(6) 80-81 EXPEND. Per Annual CH $2.095	(7) COMPOSITE PCC SCORE 103.5
0956.20	INDUS TECH METAL	1,621	26.5 ...	507	86.1%	79.0%	$2.032	117.4
0956.50	INDUS TECH WELDING	1,517	25.3 ...	506	84.0	56.8 ...	1.968	99.2 •
0956.90	IND TECH MUSIC INST	124	10.3 ...	191 ...	90.9	71.0	1.865	82.0 •
0957.30	CIVIL & CONSTR MGMT	359	17.3 ...	359 ...	93.0	62.3 .	1.600 !	88.8 •
1001.06	ART HIST & APPREC	1,398	58.3 !	874 !	85.3	81.5	1.489 !	95.4 •
1002.00	ART	7,330	31.0 .	559	89.5	68.0	1.644 !	101.8
1004.00	MUSIC	6,581	25.0 ...	387 ...	87.9	66.9	3.229 ...	103.9
1007.00	DRAMATIC ARTS	3,612	39.9	534	88.8	77.4	1.706	105.1
1009.00	APPLIED DESIGN	2,584	33.0	597	86.5	71.6	1.661 !	102.6
1011.00	PHOTOGRAPHY	5,258	37.1	696 !	86.6	65.0 .	1.998	101.6
1101.00	FOREIGN LANGUAGE	3	--	--	--	--	0.259 !	--
1102.00	FRENCH	2,364	34.3	530	88.2	58.7 ..	2.505 ..	102.5
1103.00	GERMAN	870	29.0 ..	435 ...	92.9	64.4 .	3.051 ...	103.3
1104.00	ITALIAN	585	39.0	586	92.5	57.3 ...	2.599 ...	110.9
1105.00	SPANISH	4,158	36.1	543	83.1	63.2 .	1.845	100.0 •
1106.00	RUSSIAN	140	28.0 ..	420 ...	77.8 .	64.3 .	3.084 ...	104.5
1107.00	CHINESE	190	38.0	571	95.7	60.5 ..	1.219 !	110.2
1108.00	JAPANESE	545	54.5 !	818 !	96.2	47.7 ...	0.934 !	108.2
1109.00	LATIN	--	--	--	--	--	3.123 ...	--
1111.00	HEBREW	190	38.0	571	100.0	63.2 .	1.326 !	120.6
1112.00	ARABIC	225	45.0 !	676 !	76.5 ..	37.8 ...	1.401 !	110.1
1203.10	NURSING R N	5,502	16.7 ...	258 ...	99.0	93.6 !	4.675 ...	100.0 •
1203.20	NURSING PRACTICAL	1,335	23.8 ...	301 ...	99.1	97.1 !	3.668 ...	102.1
1203.30	NURSE AIDE	70	7.0 ...	131 ...	100.0	85.7	2.510 ..	83.0 •
1203.70	MEDICAL ASSTG	356	13.2 ...	214 ...	94.4	89.9 !	2.476 ..	93.3 •

Table 3, Continued

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE TO THE COLLEGE AVERAGE, FALL 1981

TOPS NO.	NAME OF TOPS	(1) WSCH PCC AVG. 2,114	(2) CLASS SIZE PCC MEDIAN 35.0	(3) WSCH/FTEF PCC AVG. 548	(4) GRADES PCC AVG. 90.4%	(5) RETENTION PCC AVG. 72.3%	(6) 80-81 EXPEND. Per Annual CH $2.095	(7) COMPOSITE PCC SCORE 103.5
1204.00	DENTAL PROF, GNL	117	19.7 ...	320 ...	92.6%	90.0% !	$1.918	116.3
1204.10	DENTAL PROF ASSTG	417	24.0 ...	368 ...	92.7	90.1 !	6.935 ...	105.3
1204.20	DENTAL PROF D HYG	644	17.4 ...	317 ...	100.0	100.0 !	4.354 ...	100.1
1204.30	DENTAL PROF D L T	640	15.3 ...	320 ...	100.0	100.0 !	2,581 ...	92.9 •
1225.00	RADIOLOGICAL TECH	1,140	16.9 ...	447 ..	97.4	94.2 !	1.733	99.5 •
1250.10	EMERG MED SERVICES	369	44.5 !	692 !	88.5	58.4 ..	2.001	117.5
1301.00	HOME ECONOMICS	68	34.0	553	100.0	82.4	4.459 ...	106.3
1303.00	CLOTHING & TEXTILES	1,503	27.8 ...	491 .	89.6	62.2 .	1.563 !	95.8 •
1306.00	FOODS & NUTRITION	609	21.3 ...	795 !	91.8	71.8	0.945 !	105.9
1401.00	LAW, GNL	2,427	40.5	607	91.0	76.8	1.538 !	101.3
1401.10	LAW LEGAL ASST	1,588	38.6	581	89.4	66.7	1.454 !	104.2
1501.00	ENGLISH	21,501	31.8	485 .	91.5	73.9	2.133	104.0
1506.00	SPEECH DEBATE FOREN	3,801	32.2	484 .	90.2	77.9	2.296	104.4
1509.00	PHILOSOPHY	2,016	42.4 !	630	86.4	70.4	2.268	102.1
1510.00	RELIGIOUS STUDIES	960	35.6	533	90.7	70.3	2.005	100.2
1601.00	LIBRARY SCIENCE	66	33.0	500	72.4 ..	87.9 !	1.796	92.3 •
1701.00	MATHEMATICS	11,829	35.5	627	88.8	79.4	1.819	100.2
1701.10	MATH NON-MAJORS	3,882	40.6	600	93.8	72.7	2.100	104.6
1901.00	PHYSICAL SCIENCES	--	--	--	--	--	0.963 !	--
1902.00	PHYSICS, GNL	2,097	38.9	676 !	96.8	76.7	2.343 .	103.0
1905.00	CHEMISTRY, GNL	6,254	32.8	560	85.2	64.8 .	2.572 ...	100.0 •
1911.00	ASTRONOMY	249	41.5	623	83.3	50.6 ...	1.958	110.7
1914.00	GEOLOGY	2,041	37.3	567	87.3	78.1	2.782 ...	103.5
2001.00	PSYCHOLOGY, GNL	7,591	44.4 !	657	92.1	77.3	1.721	102.4
2102.00	PUBLIC ADMINISTR	171	57.0 !	855 !	97.4	66.7	0.397 !	106.1

Table 3, Continued

MASTER SUMMARY: COMPARISON OF INDIVIDUAL TOP PERFORMANCE TO THE COLLEGE AVERAGE, FALL 1981

TOPS NO.	NAME OF TOPS	(1) WSCH PCC AVG. 2,114	(2) CLASS SIZE PCC MEDIAN 35.0	(3) WSCH/FTEF PCC AVG. 548	(4) GRADES PCC AVG. 90.4%	(5) RETENTION PCC AVG. 72.3%	(6) 80-81 EXPEND. Per Annual CH $2.095	(7) COMPOSITE PCC SCORE 103.5
2103.00	PARKS & REC MGMT	199	27.0 ...	427 ...	81.5%	80.2%	$5.011 ...	104.5
2105.00	ADMIN OF JUSTICE	813	30.1 .	452 ..	87.8	66.4	3.320 ...	101.7
2107.10	EARLY CHILD ED AIDE	1,245	34.8	542	97.7	72.5	1.938	106.3
2107.70	GUIDANCE	54	18.0 ...	270 ...	100.0	55.6 ...	--	100.0
2133.10	FIRE CONTROL TECH	767	44.8 !	677 !	84.5	69.5	1.067 !	116.9
2201.00	SOCIAL SCIENCE, GNL	1,143	42.3 !	635	89.3	66.1	2.216	91.8 •
2202.00	ANTHROPOLOGY	774	37.1	553	94.9	75.8	3.206 ...	107.6
2202.11	ANTHRO AFRO CULTURE	1,221	45.2 !	678 !	86.1	72.5	2.029	109.8
2202.12	ANTHRO ASIAN CULT	333	27.8 ...	416 ...	96.7	82.9	0.807 !	107.3
2202.14	ANTHRO MEXICAN AM	360	30.0 .	450 ..	85.3	79.2	3.172 ...	107.0
2204.00	ECONOMICS	2,754	45.9 !	689 !	92.8	72.9	1.588 !	102.2
2205.00	HISTORY	5,964	44.2 !	663 !	90.6	75.9	1.852	106.0
2206.00	GEOGRAPHY	1,254	34.8	523	89.4	74.4	1.435 !	98.0 •
2207.00	POLITICAL SCIENCE	2,883	48.1 !	686 !	92.8	72.3	1.781	103.6
2208.00	SOCIOLOGY	2,092	41,1	615	92.9	66.5	2.522 ...	102.8
3002.00	FOOD SERVICE TECH	566	21.5 ...	427 ...	89.7	90.7 !	2.170	103.6
3007.00	COSMETOLOGY	3,840	64.0 !	582	99.2	67.2	1.957	96.3 •
4903.00	HUMANITIES	1,038	115.3 !	1,038 !	86.2	60.7 ..	1.637 !	111.4
4930.00	GENERAL STUDIES	616	25.5 ...	452 ..	84.0	48.8 ...	0.931 !	101.4
4931.00	GENERAL WORK EXP	2,945	24.9 ...	375 ...	80.2 .	63.1 .	2.288	95.0 •
5340.00	METAL TRADES, APP	--	--	--	--	--	1.077 !	--
5345.00	AUTO MECHANICS, APP	--	--	--	--	--	3.805 ...	--
5349.30	MEAT CUTTER, APP	192	24.0 ...	444 ..	92.7	85.4	1.475 !	106.2

Prepared by CARVELL Education Management Planning, Inc. from data provided by PCC sources.

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DEC 30 1983